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L634 ANSWER 1 OF 13 USPATFULL

ACCESSION NUMBER: 2002:126026 USPATFULL  
TITLE: Methods of **treating** animals with botulinum  
toxin pharmaceutical compositions  
INVENTOR(S): Hunt, Terrence J., Anaheim Hills, CA, UNITED STATES  
PATENT ASSIGNEE(S): Allergan Sales, Inc., Irvine, CA, UNITED STATES, 92621  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002064536	A1	20020530
APPLICATION INFO.:	US 2002-47058	A1	20020114 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-500147, filed on 8 Feb 2000, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Frank J. Uxa, Stout, Uxa, Buyan & Mullins, LLP, Suite 300, 4 Venture, Irvine, CA, 92618		
NUMBER OF CLAIMS:	31		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1876		

AB Methods for **treating** mammals with botulinum toxin comprise  
administering at least one type of botulinum toxin to the mammal. The  
botulinum toxin may be administered in a composition having a  
polysaccharide that stabilizes the botulinum toxin. The compositions  
administered to the mammals have reduced immunogenicity, and are  
preferably non-immunogenic. The methods may also be practiced with  
recombinant, or species-specific, serum **albumins**.

L634 ANSWER 2 OF 13 USPATFULL

ACCESSION NUMBER: 2002:63735 USPATFULL  
TITLE: Efficient culture of stem cells for the production of  
hemoglobin  
INVENTOR(S): Bell, David N., Oakville, CANADA  
Matthews, Kathryn Emma, Toronto, CANADA  
Mueller, Susan G., Milton, CANADA  
PATENT ASSIGNEE(S): Hemosol Inc., Mississauga, CANADA (non-U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6361998	B1	20020326
APPLICATION INFO.:	US 1999-339838		19990625 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Clark, Deborah J. R.		
ASSISTANT EXAMINER:	Chen, Shin-Lin		
LEGAL REPRESENTATIVE:	Bereskin & Parr, Gravelle, Micheline		
NUMBER OF CLAIMS:	15		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	12 Drawing Figure(s); 12 Drawing Page(s)		
LINE COUNT:	1631		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention describes a serum-free medium that promotes the  
growth and differentiation of erythroid cells, cells that are highly  
transducible by a non-viral method and genes which increase the growth  
of erythroid cells and decrease their dependency on Epo. This invention  
can be used in the expansion of hematopoietic stem cells to produce  
cultures of erythroid cells as a source of erythroid-specific proteins  
such as hemoglobin. Hematopoietic stem cells are cultured ex vivo in a  
serum-free culture medium with the addition of IL-3, SCF and EPO. Cells  
transfected with the gene described in the present invention can be  
cultured in the serum-free culture medium with decreased dependency on  
Epo and other cytokines, thereby reducing the cost of the production of

hemoglobin.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L634 ANSWER 3 OF 13 USPATFULL

ACCESSION NUMBER: 2002:12511 USPATFULL

TITLE: Serum **albumin** compositions for use in  
cleansing or dermatological products for **skin**  
or **hair**

INVENTOR(S): Carter, Daniel C., Madison, AL, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002006892	A1	20020117
APPLICATION INFO.:	US 2000-740821	A1	20001221 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-616962, filed on 14 Jul 2000, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	LARSON & TAYLOR, PLC, 1199 NORTH FAIRFAX STREET, SUITE 900, ALEXANDRIA, VA, 22314		
NUMBER OF CLAIMS:	20		
EXEMPLARY CLAIM:	1		
LINE COUNT:	394		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A hypoallergenic cleansing, cosmetic, conditioning or dermatological composition for **treating skin or hair** is provided which contains serum **albumin** in an amount effective to achieve cleansing, conditioning, wound debriment, or other beneficial cosmetic or dermatological purpose for **skin or hair**, along with a suitable cleansing, conditioning, cosmetic, antibacterial or dermatological agent, vehicle, carrier or excipient. The compositions may be in any suitable form for **treating skin or hair**, such as a soap, shampoo, cream, oil, lotion, gel, gel-based ointment, and the like. The serum **albumin** compositions are preferably prepared using human serum **albumin** produced by recombinant means, and such compositions are useful in that they allow the **albumin** to be absorbed in the surface of **skin or hair** so as to replenish the structure of these tissues when utilized as a cleansing, cosmetic or dermatological agent. The compositions of the present invention will provide cleansing, cosmetic or dermatological compositions that can be used safely and effectively with reduced likelihood of allergic reaction.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L634 ANSWER 4 OF 13 USPATFULL

ACCESSION NUMBER: 2001:218016 USPATFULL

TITLE: Animal model for testing immunotherapies of spontaneous metastatic disease

INVENTOR(S): Mokyr, Margalit B., Chicago, IL, United States

PATENT ASSIGNEE(S): The Board of trustees of the University of Illinois  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001046502	A1	20011129
APPLICATION INFO.:	US 2001-775537	A1	20010201 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-180257P	20000204 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	DARBY & DARBY P.C., 805 Third Avenue, New York, NY, 10022	
NUMBER OF CLAIMS:	17	

EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 4 Drawing Page(s)  
LINE COUNT: 1287  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides an animal model that can provide information on the effectiveness of postsurgical immunotherapies for recurrence of metastatic disease. In a specific embodiment, this tumor model used mice from which the primary 410.4 mammary carcinoma was surgically excised to assess the therapeutic potential of low-dose cyclophosphamide (CY) followed by vaccination with DNP-modified, .gamma.-irradiated, autologous tumor cells admixed with BCG compared to mice receiving low-dose CY followed by vaccination with unmodified, .gamma.-irradiated, autologous tumor cells admixed with BCG, or mice treated with PBS (control group). In this model, therapeutic benefits offered by DNP-modified, .gamma.-irradiated, autologous tumor cell vaccine (preceded by low-dose CY) were abrogated completely upon depletion of CD8.sup.+ T-cells, and was improved when the mice were pretreated with a single dose of DNP-modified, .gamma.-irradiated, autologous tumor cells (without BCG) prior to the low-dose CY treatment, and then subjected to vaccination with DNP-modified, .gamma.-irradiated, autologous tumor cells admixed with BCG.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L634 ANSWER 5 OF 13 USPATFULL

ACCESSION NUMBER: 2001:22018 USPATFULL  
TITLE: Method of inactivation of viral and bacterial blood contaminants  
INVENTOR(S): Platz, Matthew S., Columbus, OH, United States  
Goodrich, Jr., Raymond P., Pasadena, CA, United States  
Yerram, Nagender, South Pasadena, CA, United States  
PATENT ASSIGNEE(S): Baxter International Inc., Deerfield, IL, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6187572	B1	20010213
APPLICATION INFO.:	US 1993-47749		19930414 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1992-825691, filed on 27 Jan 1992, now abandoned Continuation-in-part of Ser. No. US 1991-685931, filed on 16 Apr 1991, now abandoned Continuation-in-part of Ser. No. US 1991-656254, filed on 15 Feb 1991, now abandoned Continuation-in-part of Ser. No. US 1990-632277, filed on 20 Dec 1990, now abandoned Continuation-in-part of Ser. No. US 1990-510234, filed on 16 Apr 1990, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Weber, Jon P.		
LEGAL REPRESENTATIVE:	Swanson, Barry J., Serewicz, Denise M., Price, Bradford R. L.		
NUMBER OF CLAIMS:	58		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	29 Drawing Figure(s); 22 Drawing Page(s)		
LINE COUNT:	2112		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A method is provided for inactivating viral and/or bacterial contamination in blood cellular matter, such as erythrocytes and platelets, or protein fractions. The cells or protein fractions are mixed with chemical sensitizers, frozen or freeze-dried, and irradiated with, for example, UV, visible, gamma or X-ray radiation while in the solid state.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L634 ANSWER 6 OF 13 USPATFULL

ACCESSION NUMBER: 95:45502 USPATFULL  
 TITLE: Method of inactivation of viral and bacterial blood  
 contaminants  
 INVENTOR(S): Platz, Matthew S., Columbus, OH, United States  
 Goodrich, Jr., Raymond P., Pasadena, CA, United States  
 Yerram, Nagendar, South Pasadena, CA, United States  
 PATENT ASSIGNEE(S): Cryopharm Corporation, Pasadena, CA, United States  
 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5418130		19950523
APPLICATION INFO.:	US 1993-91674		19930713 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1993-47749, filed on 14 Apr 1993 which is a continuation-in-part of Ser. No. US 1992-825691, filed on 27 Jan 1992, now abandoned which is a continuation-in-part of Ser. No. US 1991-685931, filed on 16 Apr 1991, now abandoned which is a continuation-in-part of Ser. No. US 1991-656254, filed on 15 Feb 1991, now abandoned which is a continuation-in-part of Ser. No. US 1990-632277, filed on 20 Dec 1990, now abandoned which is a continuation-in-part of Ser. No. US 1990-510234, filed on 16 Apr 1990, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Knode, Marian C.		
ASSISTANT EXAMINER:	Saucier, Sandra		
LEGAL REPRESENTATIVE:	Swanson & Bratscuhn		
NUMBER OF CLAIMS:	41		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	29 Drawing Figure(s); 22 Drawing Page(s)		
LINE COUNT:	2577		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A method is provided for inactivating viral and/or bacterial  
 contamination in blood cellular matter, such as erythrocytes and  
 platelets, or protein fractions. The cells or protein fractions are  
 mixed with chemical sensitizers and irradiated with, for example, UV,  
 visible, gamma or X-ray radiation. In particular, quaternary ammonium or  
 phosphonium substituted, halo-psoralen compounds are described as being  
 useful.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L634 ANSWER 7 OF 13 EUROPATFULL COPYRIGHT 2002 WILA

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

ACCESSION NUMBER: 633786 EUROPATFULL EW 200131 FS PS  
 TITLE: METHOD OF INACTIVATION OF VIRAL, PARASITIC AND BACTERIAL  
 BLOOD CONTAMINANTS.  
 VERFAHREN ZUR INAKTIVIERUNG VON VIRALEN, PARASITAEREN  
 UND BAKTERIELLEN BLUTVERUNREINIGUNGEN.  
 PROCEDE D'INACTIVATION DES CONTAMINANTS VIRAUX,  
 PARASITAIRES ET BACTERIENS DU SANG.  
 INVENTOR(S): GOODRICH, Raymond, P., Jr., 140 S. Mentor, 312,  
 Pasadena, CA 91106, US;  
 YERRAM, Nagendar, 1699 Amberwood Drive, 106, South  
 Pasadena, CA 91030, US;  
 HACKETT, Roger, W., 2046 Monte Vista Street, Pasadena,  
 CA 91107, US;  
 WAALKES, Marjan van Borssum, Bachlaan 30, NL-3906 ZK  
 Veenendaal, NL  
 PATENT ASSIGNEE(S): BAXTER INTERNATIONAL INC., One Baxter Parkway,  
 Deerfield, Illinois 60015, US  
 PATENT ASSIGNEE NO: 318505  
 AGENT: Lucas, Brian Ronald, Lucas & Co. 135 Westhall Road,



AGENT NUMBER: Warlingham Surrey CR6 9HJ, GB  
 OTHER SOURCE: 33295  
 SOURCE: BEPB2001032 EP 0633786 B1 0020  
 DOCUMENT TYPE: Wila-EPS-2001-H31-T1  
 LANGUAGE: Patent  
 DESIGNATED STATES: Anmeldung in Englisch; Veroeffentlichung in Englisch  
 PATENT INFO.PUB.TYPE: R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R  
 IE; R IT; R LI; R LU; R MC; R NL; R PT; R SE  
 EPB1 EUROPÄISCHE PATENTSCHRIFT (Internationale  
 Anmeldung)

PATENT INFORMATION:

	PATENT NO	KIND	DATE
	EP 633786	B1	20010801
'OFFENLEGUNGS' DATE:			19950118
APPLICATION INFO.:	EP 1993-903538		19930127
PRIORITY APPLN. INFO.:	US 1992-825691		19920127
RELATED DOC. INFO.:	WO 93-US401	930127	INTAKZ
	WO 9314791	930805	INTPNR
REFERENCE PAT. INFO.:	EP 124363 A	EP 196515	A
	EP 457196 A	WO 91-16060	A
	WO 93-00005 A	US 4402318	A

L634 ANSWER 8 OF 13 EUROPATFULL COPYRIGHT 2002 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 570916 EUROPATFULL EW 199347 FS OS STA B  
 TITLE: Recombinant human serum **albumin**, process for  
 producing the same and  
 pharmaceutical preparation containing the same.  
 Menschliches rekombinantes Serum-**Albumin**,  
 Verfahren zu dessen Herstellung und dieses enthaltende  
 pharmazeutische Praeparate.  
 Serumalbumine, humaine recombinante, procede de  
 preparation et composition pharmaceutique.  
 INVENTOR(S): Ohmura, Takao, c/o The Green Cross Corp., 2-25-1,  
 Shodai-Ohtani, Hirakata-shi, Osaka, JP;  
 Sumi, Akinori, c/o The Green Cross Corp., 2-25-1,  
 Shodai-Ohtani, Hirakata-shi, Osaka, JP;  
 Ohtani, Wataru, c/o The Green Cross Corp., 2-25-1,  
 Shodai-Ohtani, Hirakata-shi, Osaka, JP;  
 Fuluhata, Naoto, c/o The Green Cross Corp., 2-25-1,  
 Shodai-Ohtani, Hirakata-shi, Osaka, JP;  
 Takeshima, Kazuya, c/o The Green Cross Corp., 2-25-1,  
 Shodai-Ohtani, Hirakata-shi, Osaka, JP;  
 Kamide, Kaeko, c/o The Green Cross Corp., 2-25-1,  
 Shodai-Ohtani, Hirakata-shi, Osaka, JP;  
 Noda, Munehiro, c/o The Green Cross Corp., 2-25-1,  
 Shodai-Ohtani, Hirakata-shi, Osaka, JP;  
 Kondo, Masahide, c/o The Green Cross Corp., 2-25-1,  
 Shodai-Ohtani, Hirakata-shi, Osaka, JP;  
 Ishikawa, Syoichi, c/o The Green Cross Corp., 2-25-1,  
 Shodai-Ohtani, Hirakata-shi, Osaka, JP;  
 Oohara, Kazuhiro, c/o The Green Cross Corp., 2-25-1,  
 Shodai-Ohtani, Hirakata-shi, Osaka, JP;  
 Yokoyama, Kazumasa, c/o The Green Cross Corp., 2-25-1,  
 Shodai-Ohtani, Hirakata-shi, Osaka, JP  
 PATENT ASSIGNEE(S): THE GREEN CROSS CORPORATION, 3-3, Imabashi 1-chome  
 Chuo-ku, Osaka-shi Osaka, JP  
 PATENT ASSIGNEE NO: 246793  
 AGENT: Hansen, Bernd, Dr. Dipl.-Chem. et al, Hoffmann, Eitle &  
 Partner Patent- und Rechtsanwaelte, Postfach 81 04 20,  
 D-81904 Muenchen, DE  
 AGENT NUMBER: 4921  
 OTHER SOURCE: ESP1993077 EP 0570916 A2 931124  
 SOURCE: Wila-EPZ-1993-H47-T1a

DOCUMENT TYPE: Patent  
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch  
DESIGNATED STATES: R BE; R CH; R DE; R DK; R ES; R FR; R GB; R IT; R LI; R NL; R SE  
PATENT INFO.PUB.TYPE: EPA2 EUROPAEISCHE PATENTANMELDUNG  
PATENT INFORMATION:

	PATENT NO	KIND DATE
	EP 570916	A2 19931124
'OFFENLEGUNGS' DATE:		19931124
APPLICATION INFO.:	EP 1993-108099	19930518
PRIORITY APPLN. INFO.:	JP 1992-127673	19920520
	JP 1992-137250	19920528
	JP 1992-205636	19920731
	JP 1992-232340	19920831
	JP 1992-253142	19920922

. GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

ACCESSION NUMBER: 570916 EUROPATFULL EW 200205 FS PS  
TITLE: Process for the purification of human recombinant serum albumin.  
Verfahren zur Reinigung von menschlichem, rekombinantem Serumalbumin.  
Procede de preparation de serumalbumine humaine recombinante.

INVENTOR(S): Ohmura, Takao, c/o The Green Cross Corp., 2-25-1, Shodai-Ohtani, Hirakata-shi, Osaka, JP;  
Sumi, Akinori, c/o The Green Cross Corp., 2-25-1, Shodai-Ohtani, Hirakata-shi, Osaka, JP;  
Ohtani, Wataru, c/o The Green Cross Corp., 2-25-1, Shodai-Ohtani, Hirakata-shi, Osaka, JP;  
Fuluhata, Naoto, c/o The Green Cross Corp., 2-25-1, Shodai-Ohtani, Hirakata-shi, Osaka, JP;  
Takeshima, Kazuya, c/o The Green Cross Corp., 2-25-1, Shodai-Ohtani, Hirakata-shi, Osaka, JP;  
Kamide, Kaeko, c/o The Green Cross Corp., 2-25-1, Shodai-Ohtani, Hirakata-shi, Osaka, JP;  
Noda, Munehiro, c/o The Green Cross Corp., 2-25-1, Shodai-Ohtani, Hirakata-shi, Osaka, JP;  
Kondo, Masahide, c/o The Green Cross Corp., 2-25-1, Shodai-Ohtani, Hirakata-shi, Osaka, JP;  
Ishikawa, Syoichi, c/o The Green Cross Corp., 2-25-1, Shodai-Ohtani, Hirakata-shi, Osaka, JP;  
Oohara, Kazuhiro, c/o The Green Cross Corp., 2-25-1, Shodai-Ohtani, Hirakata-shi, Osaka, JP;  
Yokoyama, Kazumasa, c/o The Green Cross Corp., 2-25-1, Shodai-Ohtani, Hirakata-shi, Osaka, JP

PATENT ASSIGNEE(S): Mitsubishi Pharma Corporation, 6-9, Hiranomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0046, JP

PATENT ASSIGNEE NO: 3099353

AGENT: Hansen, Bernd, Dr. Dipl.-Chem. et al., Hoffmann Eitle, Patent- und Rechtsanwaelte, Postfach 81 04 20, 81904 Muenchen, DE

AGENT NUMBER: 4921

OTHER SOURCE: BEPB2002009 EP 0570916 B1 0021

SOURCE: Wila-EPS-2002-H05-T1

DOCUMENT TYPE: Patent

LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch

DESIGNATED STATES: R BE; R CH; R DE; R DK; R ES; R FR; R GB; R IT; R LI; R NL; R SE

PATENT INFO.PUB.TYPE: EPB1 EUROPAEISCHE PATENTSCHRIFT

PATENT INFORMATION:

	PATENT NO	KIND DATE
	EP 570916	B1 20020130
'OFFENLEGUNGS' DATE:		19931124

APPLICATION INFO.: EP 1993-108099 19930518  
 PRIORITY APPLN. INFO.: JP 1992-127673 19920520  
 JP 1992-137250 19920528  
 JP 1992-205636 19920731  
 JP 1992-232340 19920831  
 JP 1992-253142 19920922  
 REFERENCE PAT. INFO.: EP 319067 A EP 420007 A  
 EP 428758 A EP 464590 A  
 US 4391801 A

L634 ANSWER 9 OF 13 IFIPAT COPYRIGHT 2002 IFI  
 AN 10063370 IFIPAT;IFIUDB;IFICDB  
 TITLE: SERUM **ALBUMIN** COMPOSITIONS FOR USE IN  
 CLEANSING OR DERMATOLOGICAL PRODUCTS FOR **SKIN**  
 OR **HAIR**  
 INVENTOR(S): Carter; Daniel C., Madison, AL, US  
 PATENT ASSIGNEE(S): Unassigned  
 AGENT: LARSON & TAYLOR, PLC, 1199 NORTH FAIRFAX STREET,  
 SUITE 900, ALEXANDRIA, VA, 22314, US

	NUMBER	PK	DATE
PATENT INFORMATION:	US 2002006892	A1	20020117
APPLICATION INFORMATION:	US 2000-740821		20001221

	APPLN. NUMBER	DATE	GRANTED PATENT NO. OR STATUS
CONTINUATION-IN-PART OF:	US 2000-616962	20000714	PENDING
FAMILY INFORMATION:	US 2002006892	20020117	
DOCUMENT TYPE:	Utility; Patent Application - First Publication		
FILE SEGMENT:	CHEMICAL APPLICATION		
NUMBER OF CLAIMS:	20		

AB A hypoallergenic cleansing, cosmetic, conditioning or dermatological composition for **treating skin** or **hair** is provided which contains serum **albumin** in an amount effective to achieve cleansing, conditioning, wound debriment, or other beneficial cosmetic or dermatological purpose for **skin** or **hair**, along with a suitable cleansing, conditioning, cosmetic, antibacterial or dermatological agent, vehicle, carrier or excipient. The compositions may be in any suitable form for **treating skin** or **hair**, such as a soap, shampoo, cream, oil, lotion, gel, gel-based ointment, and the like. The serum **albumin** compositions are preferably prepared using human serum **albumin** produced by recombinant means, and such compositions are useful in that they allow the **albumin** to be absorbed in the surface of **skin** or **hair** so as to replenish the structure of these tissues when utilized as a cleansing, cosmetic or dermatological agent. The compositions of the present invention will provide cleansing, cosmetic or dermatological compositions that can be used safely and effectively with reduced likelihood of allergic reaction.

CLMN 20

L634 ANSWER 10 OF 13 IFIPAT COPYRIGHT 2002 IFI  
 AN 3461312 IFIPAT;IFIUDB;IFICDB  
 TITLE: METHOD OF INACTIVATION OF VIRAL AND BACTERIAL BLOOD  
 CONTAMINANTS; DECONTAMINATING BLOOD AND CELL CULTURES  
 BY MIXING WITH A CHEMICAL RADIATION SENSITIZER WHICH  
 DOES NOT BIND TO THE MEMBRANE, FREEZING OR  
 FREEZE-DRYING THE MIXTURE, THEN EXPOSING TO  
 ELECTROMAGNETIC RADIATION  
 INVENTOR(S): Goodrich Jr.; Raymond P., Pasadena, CA  
 Platz; Matthew S., Columbus, OH  
 Yerram; Nagender, South Pasadena, CA  
 PATENT ASSIGNEE(S): Baxter International Inc., Deerfield, IL  
 PRIMARY EXAMINER: Weber, Jon P

AGENT: Price, Bradford R. L.  
Serewicz, Denise M.  
Swanson, Barry J.

	NUMBER	PK	DATE
PATENT INFORMATION:	US 6187572		20010213
APPLICATION INFORMATION:	US 1993-47749		19930414
EXPIRATION DATE:	13 Feb 2018		

	APPLN. NUMBER	DATE	GRANTED PATENT NO. OR STATUS
CONTINUATION-IN-PART OF:	US 1990-510234	19900416	ABANDONED
CONTINUATION-IN-PART OF:	US 1990-632277	19901220	ABANDONED
CONTINUATION-IN-PART OF:	US 1991-656254	19910215	ABANDONED
CONTINUATION-IN-PART OF:	US 1991-685931	19910416	ABANDONED
CONTINUATION-IN-PART OF:	US 1992-825691	19920127	ABANDONED
FAMILY INFORMATION:	US 6187572	20010213	
DOCUMENT TYPE:	UTILITY		
FILE SEGMENT:	CHEMICAL		
NUMBER OF CLAIMS:	58		
GRAPHICS INFORMATION:	22 Drawing Sheet(s), 29 Figure(s).		

AB A method is provided for inactivating viral and/or bacterial contamination in blood cellular matter, such as erythrocytes and platelets, or protein fractions. The cells or protein fractions are mixed with chemical sensitizers, frozen or freeze-dried, and irradiated with, for example, UV, visible, gamma or X-ray radiation while in the solid state.

CLMN 58

GI 22 Drawing Sheet(s), 29 Figure(s).

L634 ANSWER 11 OF 13 BIOTECHDS COPYRIGHT 2002 THOMSON DERWENT AND ISI

ACCESSION NUMBER: 2001-11449 BIOTECHDS

TITLE: New recombinant human serum **albumin**, useful for **treating** hypoalbuminemia or hemorrhagic shock, restoring blood volume or alleviating other injury-related symptoms, e.g. burn injury or surgery; protein expression in *Pichia pastoris* and purification using membrane ultrafiltration and hydrophobic chromatography

AUTHOR: Ohmura T; Sumi A; Ohtani W; Fuluhata N; Takeshima K; Kamide K; Noda M; Kondo M; Ishikawa S; Oohara K; Yokoyama K

PATENT ASSIGNEE: Welfide

LOCATION: Osaka, Japan.

PATENT INFO: EP 1099708 16 May 2001

APPLICATION INFO: EP 1993-253142 18 May 1993

PRIORITY INFO: JP 1992-253142 22 Sep 1992; JP 1992-127673 20 May 1992

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2001-337138 [36]

AN 2001-11449 BIOTECHDS

AB A recombinant human serum **albumin** (HSA) and a 25% solution of the **albumin** containing 0.1 ng/ml or less contaminant protein and 1ng/ml or less polysaccharide contaminant is claimed. Also claimed are: production of HSA by **treating** a culture supernatant of a host that expresses HSA with a ultrafiltration membranes to yield a first filtrate. The filtrate is heat treated at 50-70 deg for 0.5-5 hr and acid treated at pH 3-5 using an ultrafiltraion membrane to yield a second filtrate. The second filtrate is exposed to a cation exchanger and the first eluate is contacted with a carrier for hydrophobic chromatography. The non-absorbed fractions and contacted with an anion exchanger and **albumin** is recovered. In an example, *Pichia pastoris* PC4130 was inoculated into a 100ml Erlenmeyer flask containing 200 ml of yeast extract-peptone-glucose medium and cultured at 30 deg for 24 hr with shaking. The supernatant was obtained and subjected to the above method. The above can be used for **treating** hypoalbuminemia due to burn

injury or nephrotic syndrome, hepatic cirrhosis and hemorrhagic shock.  
HSA is also useful for restoring blood volume and other body fluids.  
(21pp)

L634 ANSWER 12 OF 13 BIOTECHDS COPYRIGHT 2002 THOMSON DERWENT AND ISI

ACCESSION NUMBER: 1994-00744 BIOTECHDS

TITLE: Human **recombinant serum albumin**  
purification;

by ultrafiltration, heat treatment and cation-exchange  
chromatography

PATENT ASSIGNEE: Green-Cross

PATENT INFO: EP 570916 24 Nov 1993

APPLICATION INFO: EP 1993-108099 18 May 1993

PRIORITY INFO: JP 1992-253142 22 Sep 1992; JP 1992-127673 20 May 1992

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 1993-370335 [47]

AN 1994-00744 BIOTECHDS

AB Purification of human **recombinant serum**

**albumin** (I) comprises: (a) **treating** a culture supernatant of a host which expresses (I) with an ultrafiltration membrane (UM) with a mol.wt. cut-off (MWCO) of 100,000-500,000 and then with a 2nd UM with an MWCO of 1000-50,000 to yield a 1st filtrate; (b) heat **treating** the filtrate at 50-70 deg for 0.5-5 hr; (c) acid **treating** the heated sample at pH 3-5; (d) **treating** (c) with an UM with an MWCO of 100,000-500,000 to yield a 2nd filtrate; (e) exposing the 2nd filtrate to a cation exchanger at pH 3-5 and a salt concentration of 0.01-0.2 M and then exposing the cation-exchanger at pH of 8-10 and a salt concentration of 0.2-0.5 M to yield a 1st eluate; (f) mixing the eluate with a carrier for hydrophobic chromatography at pH 6-8 and 0.01-0.5 M, and recovering non-adsorbed fractions to yield a 2nd eluate; and (g) allowing the 2nd eluate to contact an anion-exchanger at pH 6-8 and a salt concentration of 0.01-0.1 M and recovering non-adsorbed fractions to yield (I). This method provides (I) which does not contain producer host-related substances or other contaminants and is free of coloring. The purity of (I) is greater than 99.99%. (19pp)

L634 ANSWER 13 OF 13 PATOSEP COPYRIGHT 2002 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 1993:1228066 PATOSEP ED 19931212 EW 199347 FS OS

TITLE: Recombinant human serum albumin, process for  
**producing the same**  
and pharmaceutical preparation containing the  
same.

Menschliches rekombinantes Serum-Albumin,  
Verfahren zu dessen Herstellung und dieses enthaltende  
pharmazeutische Praeparate.

Serumalbumine, humaine recombinante, procede de  
preparation et composition pharmaceutique.

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Shodai-Ohtani, Hirakata-shi, Osaka, JP;  
Sumi, Akinori, c/o The Green Cross Corp., 2-25-1,  
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Ohtani, Wataru, c/o The Green Cross Corp., 2-25-1,  
Shodai-Ohtani, Hirakata-shi, Osaka, JP;  
Fuluhata, Naoto, c/o The Green Cross Corp., 2-25-1,  
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Noda, Munehiro, c/o The Green Cross Corp., 2-25-1,  
Shodai-Ohtani, Hirakata-shi, Osaka, JP;  
Kondo, Masahide, c/o The Green Cross Corp., 2-25-1,  
Shodai-Ohtani, Hirakata-shi, Osaka, JP;

PATENT ASSIGNEE(S): Ishikawa, Syoichi, c/o The Green Cross Corp., 2-25-1,  
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 Shodai-Ohtani, Hirakata-shi, Osaka, JP;  
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 PATENT ASSIGNEE NO: THE GREEN CROSS CORPORATION, 3-3, Imabashi 1-chome  
 AGENT: Chuo-ku, Osaka-shi Osaka, JP  
 246793  
 AGENT NUMBER: Hansen, Bernd, Dr. Dipl.-Chem. et al, Hoffmann, Eitle &  
 OTHER SOURCE: Partner Patent- und Rechtsanwaelte, Postfach 81 04 20,  
 SOURCE: D-81904 Muenchen, DE  
 DOCUMENT TYPE: 4921  
 LANGUAGE: ESP1993077 EP 0570916 A2 0020  
 DESIGNATED STATES: Wila-EPZ-1993-H47-T1a  
 Patent  
 Anmeldung in Englisch; Veroeffentlichung in Englisch  
 R BE; R CH; R DE; R DK; R ES; R FR; R GB; R IT; R LI; R  
 NL; R SE  
 PATENT INFO.PUB.TYPE: EPA2 EUROPAEISCHE PATENTANMELDUNG  
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'OFFENLEGUNGS' DATE:	EP 570916	A2 19931124
APPLICATION INFO.:		19931124
PRIORITY APPLN. INFO.:	EP 1993-108099	19930518
	JP 1992-127673	19920520
	JP 1992-137250	19920528
	JP 1992-205636	19920731
	JP 1992-232340	19920831
	JP 1992-253142	19920922

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

ACCESSION NUMBER: 1993:1228066 PATOSEP UP 20020207 EW 200205 FS PS  
 TITLE: Process for the purification of human  
**recombinant serum albumin**  
**Process for the purification of human recombinant**  
**serum albumin.**

Verfahren zur Reinigung von menschlichem,  
 rekombinantem Serumalbumin.  
 Procédé de preparation de serumalbumine humaine  
 recombinante.

INVENTOR(S): Ohmura, Takao, c/o The Green Cross Corp., 2-25-1,  
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 Sumi, Akinori, c/o The Green Cross Corp., 2-25-1,  
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 Ohtani, Wataru, c/o The Green Cross Corp., 2-25-1,  
 Shodai-Ohtani, Hirakata-shi, Osaka, JP;  
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AGENT: Hansen, Bernd, Dr. Dipl.-Chem. et al., Hoffmann Eitle,  
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Muenchen, DE  
AGENT NUMBER: 4921  
OTHER SOURCE: BEPB2002009 EP 0570916 B1 0021  
SOURCE: Wila-EPS-2002-H05-T1  
DOCUMENT TYPE: Patent  
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch  
DESIGNATED STATES: R BE; R CH; R DE; R DK; R ES; R FR; R GB; R IT; R LI; R  
NL; R SE  
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	JP 1992-137250		19920528
	JP 1992-205636		19920731
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=> s l1 and (recombinant (w) serum (w) albumin)

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L3	2	FILE MEDLINE
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L5	4	FILE EMBASE
L6	2	FILE SCISEARCH
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 L252 0 FILE COPPERLIT  
 L253 0 FILE MEDICONE  
 L254 0 FILE PHIC

TOTAL FOR ALL FILES

L255 2 L109 AND (COSMETOLOGICAL OR DERMATOLOGICAL)

=> d 1255 ibib abs

L255 ANSWER 1 OF 2 USPATFULL

ACCESSION NUMBER: 2002:12511 USPATFULL

TITLE: Serum **albumin** compositions for use in  
 cleansing or **dermatological** products for skin  
 or hair

INVENTOR(S): Carter, Daniel C., Madison, AL, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002006892	A1	20020117
APPLICATION INFO.:	US 2000-740821	A1	20001221 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-616962, filed on 14 Jul 2000, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	LARSON & TAYLOR, PLC, 1199 NORTH FAIRFAX STREET, SUITE 900, ALEXANDRIA, VA, 22314		
NUMBER OF CLAIMS:	20		
EXEMPLARY CLAIM:	1		
LINE COUNT:	394		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A hypoallergenic cleansing, cosmetic, conditioning or  
**dermatological** composition for treating skin or hair is provided  
 which contains serum **albumin** in an amount effective to achieve  
 cleansing, conditioning, wound debriment, or other beneficial cosmetic  
 or **dermatological** purpose for skin or hair, along with a  
 suitable cleansing, conditioning, cosmetic, antibacterial or  
**dermatological** agent, vehicle, carrier or excipient. The  
 compositions may be in any suitable form for treating skin or hair, such  
 as a soap, shampoo, cream, oil, lotion, gel, gel-based ointment, and the  
 like. The serum **albumin** compositions are preferably prepared  
 using human serum **albumin** produced by recombinant means, and

such compositions are useful in that they allow the **albumin** to be absorbed in the surface of skin or hair so as to replenish the structure of these tissues when utilized as a cleansing, cosmetic or **dermatological** agent. The compositions of the present invention will provide cleansing, cosmetic or **dermatological** compositions that can be used safely and effectively with reduced likelihood of allergic reaction.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 1255 1-2 ibib abs

L255 ANSWER 1 OF 2 USPATFULL

ACCESSION NUMBER: 2002:12511 USPATFULL  
TITLE: Serum **albumin** compositions for use in  
cleansing or **dermatological** products for skin  
or hair  
INVENTOR(S): Carter, Daniel C., Madison, AL, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002006892	A1	20020117
APPLICATION INFO.:	US 2000-740821	A1	20001221 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-616962, filed on 14 Jul 2000, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	LARSON & TAYLOR, PLC, 1199 NORTH FAIRFAX STREET, SUITE 900, ALEXANDRIA, VA, 22314		
NUMBER OF CLAIMS:	20		
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LINE COUNT:	394		

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AB A hypoallergenic cleansing, cosmetic, conditioning or **dermatological** composition for treating skin or hair is provided which contains serum **albumin** in an amount effective to achieve cleansing, conditioning, wound debriment, or other beneficial cosmetic or **dermatological** purpose for skin or hair, along with a suitable cleansing, conditioning, cosmetic, antibacterial or **dermatological** agent, vehicle, carrier or excipient. The compositions may be in any suitable form for treating skin or hair, such as a soap, shampoo, cream, oil, lotion, gel, gel-based ointment, and the like. The serum **albumin** compositions are preferably prepared using human serum **albumin** produced by recombinant means, and such compositions are useful in that they allow the **albumin** to be absorbed in the surface of skin or hair so as to replenish the structure of these tissues when utilized as a cleansing, cosmetic or **dermatological** agent. The compositions of the present invention will provide cleansing, cosmetic or **dermatological** compositions that can be used safely and effectively with reduced likelihood of allergic reaction.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L255 ANSWER 2 OF 2 IFIPAT COPYRIGHT 2002 IFI

AN 10063370 IFIPAT;IFIUDB;IFICDB  
TITLE: SERUM **ALBUMIN** COMPOSITIONS FOR USE IN  
CLEANSING OR **DERMATOLOGICAL** PRODUCTS FOR  
SKIN OR HAIR  
INVENTOR(S): Carter; Daniel C., Madison, AL, US  
PATENT ASSIGNEE(S): Unassigned  
AGENT: LARSON & TAYLOR, PLC, 1199 NORTH FAIRFAX STREET,  
SUITE 900, ALEXANDRIA, VA, 22314, US

NUMBER	PK	DATE
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PATENT INFORMATION: US 2002006892 A1 20020117  
APPLICATION INFORMATION: US 2000-740821 20001221

	APPLN. NUMBER	DATE	GRANTED PATENT NO. OR STATUS
CONTINUATION-IN-PART OF:	US 2000-616962	20000714	PENDING
FAMILY INFORMATION:	US 2002006892	20020117	
DOCUMENT TYPE:	Utility; Patent Application - First Publication		
FILE SEGMENT:	CHEMICAL APPLICATION		

NUMBER OF CLAIMS: 20

AB A hypoallergenic cleansing, cosmetic, conditioning or **dermatological** composition for treating skin or hair is provided which contains serum **albumin** in an amount effective to achieve cleansing, conditioning, wound debriment, or other beneficial cosmetic or **dermatological** purpose for skin or hair, along with a suitable cleansing, conditioning, cosmetic, antibacterial or **dermatological** agent, vehicle, carrier or excipient. The compositions may be in any suitable form for treating skin or hair, such as a soap, shampoo, cream, oil, lotion, gel, gel-based ointment, and the like. The serum **albumin** compositions are preferably prepared using human serum **albumin** produced by recombinant means, and such compositions are useful in that they allow the **albumin** to be absorbed in the surface of skin or hair so as to replenish the structure of these tissues when utilized as a cleansing, cosmetic or **dermatological** agent. The compositions of the present invention will provide cleansing, cosmetic or **dermatological** compositions that can be used safely and effectively with reduced likelihood of allergic reaction.

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=> index medicine bioscience patents business chemistry

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SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

3.78

3.78

INDEX 'ADISALERTS, ADISINSIGHT, ADISNEWS, BIOSIS, BIOTECHNO, CANCERLIT, CAPLUS, CEN, DDFB, DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, EMBAL, EMBASE, ESBIODBASE, IFIPAT, IPA, JICST-EPLUS, KOSMET, LIFESCI, MEDICONF, MEDLINE, NAPRALERT, NLDB, ...' ENTERED AT 12:05:12 ON 11 JUN 2002

107 FILES IN THE FILE LIST IN STNINDEX

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=> s (serum (w) albumin)

463	FILE ADISALERTS
66	FILE ADISINSIGHT
144	FILE ADISNEWS
37235	FILE BIOSIS
8709	FILE BIOTECHNO
6457	FILE CANCERLIT
50021	FILE CAPLUS
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5632	FILE LIFESCI
61500	FILE MEDLINE

26 FILES SEARCHED...

64	FILE NAPRALERT
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9791	FILE PASCAL
179	FILE PHIN
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30105	FILE USPATFULL
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94 FILES HAVE ONE OR MORE ANSWERS, 107 FILES SEARCHED IN STNINDEX

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=> s l1 and mutation and skin
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=> s ll and (skin or hair) and mutation

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L191 147 L92 AND (RECOMBINANT AND ALBUMIN) AND COSMETIC

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L192 145 DUP REM L191 (2 DUPLICATES REMOVED)

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L192 ANSWER 1 OF 145 USPATFULL

DUPLICATE 1

ACCESSION NUMBER: 2002:12511 USPATFULL

TITLE: **Serum albumin** compositions for use  
in cleansing or dermatological products for  
**skin** or **hair**

INVENTOR(S): Carter, Daniel C., Madison, AL, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002006892	A1	20020117
APPLICATION INFO.:	US 2000-740821	A1	20001221 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-616962, filed on 14 Jul 2000, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	LARSON & TAYLOR, PLC, 1199 NORTH FAIRFAX STREET, SUITE 900, ALEXANDRIA, VA, 22314		
NUMBER OF CLAIMS:	20		
EXEMPLARY CLAIM:	1		
LINE COUNT:	394		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A hypoallergenic cleansing, **cosmetic**, conditioning or dermatological composition for treating **skin** or **hair** is provided which contains **serum albumin** in an amount effective to achieve cleansing, conditioning, wound debriment, or other beneficial **cosmetic** or dermatological purpose for **skin** or **hair**, along with a suitable cleansing, conditioning, **cosmetic**, antibacterial or dermatological agent, vehicle, carrier or excipient. The compositions may be in any suitable form for treating **skin** or **hair**, such as a soap, shampoo, cream, oil, lotion, gel, gel-based ointment, and the like. The **serum albumin** compositions are preferably prepared using human **serum albumin** produced by **recombinant** means, and such compositions are useful in that they allow the **albumin** to be absorbed in the surface of **skin** or **hair** so as to replenish the structure of these tissues when utilized as a cleansing, **cosmetic** or dermatological agent. The compositions of the present invention will provide cleansing, **cosmetic** or dermatological compositions that can be used safely and effectively with reduced likelihood of allergic reaction.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 2 OF 145 USPATFULL

ACCESSION NUMBER: 2002:133469 USPATFULL

TITLE: Serine protease polynucleotides, polypeptides, and antibodies

INVENTOR(S): Shi, Yanggu, Gaithersburg, MD, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES



Ni, Jian, Germantown, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002068320	A1	20020606
APPLICATION INFO.:	US 2001-804156	A1	20010313 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-189025P	20000314 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	22	
EXEMPLARY CLAIM:	1	
LINE COUNT:	13119	

AB The present invention relates to novel human serine protease polypeptides and isolated nucleic acids containing the coding regions of the genes encoding such polypeptides. Also provided are vectors, host cells, antibodies, and **recombinant** methods for producing human serine protease polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human serine protease polypeptides.

L192 ANSWER 3 OF 145 USPATFULL

ACCESSION NUMBER: 2002:133468 USPATFULL  
TITLE: 32 human secreted proteins  
INVENTOR(S): Ni, Jian, Germantown, MD, UNITED STATES  
Baker, Kevin P., Darnestown, MD, UNITED STATES  
Birse, Charles E., North Potomac, MD, UNITED STATES  
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES  
Fiscella, Michele, Bethesda, MD, UNITED STATES  
Komatsoulis, George A., Silver Spring, MD, UNITED STATES  
LaFleur, David W., Washington, DC, UNITED STATES  
Moore, Paul A., Germantown, MD, UNITED STATES  
Olsen, Henrik S., Gaithersburg, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES  
Soppet, Daniel R., Centreville, VA, UNITED STATES  
Young, Paul E., Gaithersburg, MD, UNITED STATES  
Wei, Ping, Brookeville, MD, UNITED STATES  
Florence, Kimberly A., Rockville, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002068319	A1	20020606
APPLICATION INFO.:	US 2001-800729	A1	20010308 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2000-US26013, filed on 22 Sep 2000, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-155709P	19990924 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	23	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	22 Drawing Page(s)	
LINE COUNT:	36956	

AB The present invention relates to novel human secreted proteins and

isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and **recombinant** methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

L192 ANSWER 4 OF 145 USPATFULL

ACCESSION NUMBER: 2002:133205 USPATFULL  
 TITLE: Therapeutic and **cosmetic** uses of heparanases  
 INVENTOR(S): Ilan, Neta, Rehovot, ISRAEL  
 Vlodavsky, Israel, Mevasseret Zion, ISRAEL  
 Yacoby-Zeevi, Oron, Meitar, ISRAEL  
 Pecker, Iris, Rishon Lezion, ISRAEL  
 PATENT ASSIGNEE(S): Insight Strategy & Marketing Ltd. and Hadasit Medical  
 Research Services and Development Ltd. (non-U.S.  
 corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002068054	A1	20020606
APPLICATION INFO.:	US 2000-727479	A1	20001204 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-231551P	20000911 (60)
	US 2000-244593P	20001101 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	G. E. EHRLICH (1995) LTD., c/o ANTHONY CASTORINA, SUITE 207, 2001 JEFFERSON DAVIS HIGHWAY, ARLINGTON, VA, 22202	
NUMBER OF CLAIMS:	90	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	10 Drawing Page(s)	
LINE COUNT:	2967	
AB	Methods and compositions for inducing and/or accelerating wound healing and/or angiogenesis via the catalytic activity of heparanase are disclosed.	

L192 ANSWER 5 OF 145 USPATFULL

ACCESSION NUMBER: 2002:126703 USPATFULL  
 TITLE: Immunoglobulin superfamily polynucleotides,  
 polypeptides, and antibodies  
 INVENTOR(S): Young, Paul E., Gaithersburg, MD, UNITED STATES  
 Ni, Jain, Rockville, MD, UNITED STATES  
 Ruben, Steven M., Olney, MD, UNITED STATES  
 Shi, Yanggu, Gaithersburg, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002065220	A1	20020530
APPLICATION INFO.:	US 2001-799514	A1	20010307 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2000-US23662, filed on 29 Aug 2000, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-152248P	19990903 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	

NUMBER OF CLAIMS: 22  
EXEMPLARY CLAIM: 1  
LINE COUNT: 12437

AB The present invention relates to novel human Ig-like polypeptides and isolated nucleic acids containing the coding regions of the genes encoding such polypeptides. Also provided are vectors, host cells, antibodies, and **recombinant** methods for producing human Ig-like polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human Ig-like polypeptides.

L192 ANSWER 6 OF 145 USPATFULL

ACCESSION NUMBER: 2002:126332 USPATFULL  
TITLE: Human protein tyrosine phosphatase polynucleotides, polypeptides, and antibodies  
INVENTOR(S): Shi, Yanggu, Gaithersburg, MD, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002064844	A1	20020530
APPLICATION INFO.:	US 2001-906779	A1	20010718 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2001-US1563, filed on 17 Jan 2001, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-176306P	20000118 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	22	
EXEMPLARY CLAIM:	1	
LINE COUNT:	12129	

AB The present invention relates to novel human PTPase polypeptides and isolated nucleic acids containing the coding regions of the genes encoding such polypeptides. Also provided are vectors, host cells, antibodies, and **recombinant** methods for producing human PTPase polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human PTPase polypeptides.

L192 ANSWER 7 OF 145 USPATFULL

ACCESSION NUMBER: 2002:126314 USPATFULL  
TITLE: Cytokine receptor-like polynucleotides, polypeptides, and antibodies  
INVENTOR(S): Ruben, Steven M., Olney, MD, UNITED STATES  
Ni, Jian, Germantown, MD, UNITED STATES  
Young, Paul E., Gaithersburg, MD, UNITED STATES  
Shi, Yanggu, Gaithersburg, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002064826	A1	20020530
APPLICATION INFO.:	US 2001-874069	A1	20010606 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2000-US32525, filed on 30 Nov 2000, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-168621P	19991203 (60)
DOCUMENT TYPE:	Utility	

FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,  
 ROCKVILLE, MD, 20850  
 NUMBER OF CLAIMS: 22  
 EXEMPLARY CLAIM: 1  
 LINE COUNT: 12089  
 AB The present invention relates to novel human cytokine receptor-like polypeptides and isolated nucleic acids containing the coding regions of the genes encoding such polypeptides. Also provided are vectors, host cells, antibodies, and **recombinant** methods for producing human cytokine receptor-like polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human cytokine receptor-like polypeptides.

L192 ANSWER 8 OF 145 USPATFULL  
 ACCESSION NUMBER: 2002:126306 USPATFULL  
 TITLE: 52 human secreted proteins  
 INVENTOR(S): Ni, Jian, Germantown, MD, UNITED STATES  
 Baker, Kevin P., Darnestown, MD, UNITED STATES  
 Birse, Charles E., North Potomac, MD, UNITED STATES  
 Fiscella, Michele, Bethesda, MD, UNITED STATES  
 Komatsoulis, George A., Silver Spring, MD, UNITED STATES  
 Rosen, Craig A., Laytonsville, MD, UNITED STATES  
 Soppet, Daniel R., Centreville, VA, UNITED STATES  
 Young, Paul E., Gaithersburg, MD, UNITED STATES  
 Ebner, Reinhard, Gaithersburg, MD, UNITED STATES  
 Duan, D. Roxanne, Bethesda, MD, UNITED STATES  
 Olsen, Henrik S., Gaithersburg, MD, UNITED STATES  
 LaFleur, David W., Washington, DC, UNITED STATES  
 Moore, Paul A., Germantown, MD, UNITED STATES  
 Shi, Yanggu, Gaithersburg, MD, UNITED STATES  
 Wei, Ping, Brookeville, MD, UNITED STATES  
 Florence, Kimberly A., Rockville, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002064818	A1	20020530
APPLICATION INFO.:	US 2001-789561	A1	20010222 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2000-US24008, filed on 31 Aug 2000, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-152317P	19990903 (60)
	US 1999-152315P	19990903 (60)

DOCUMENT TYPE: Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,  
 ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 23  
 EXEMPLARY CLAIM: 1  
 LINE COUNT: 24623

AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and **recombinant** methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

L192 ANSWER 9 OF 145 USPATFULL

ACCESSION NUMBER: 2002:119846 USPATFULL  
TITLE: Human G-protein Chemokine receptor (CCR5) HDGNR10  
INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Roschke, Viktor, Rockville, MD, UNITED STATES  
Li, Yi, Sunnyvale, CA, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002061834	A1	20020523
APPLICATION INFO.:	US 2001-779880	A1	20010209 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-181258P	20000209 (60)
	US 2000-187999P	20000309 (60)
	US 2000-234336P	20000922 (60)

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: STERNE, KESSLER, GOLDSTEIN & FOX PLLC, 1100 NEW YORK  
AVENUE, N.W., SUITE 600, WASHINGTON, DC, 20005-3934  
NUMBER OF CLAIMS: 61  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 4 Drawing Page(s)  
LINE COUNT: 18667

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a novel human protein called Human G-protein Chemokine Receptor (CCR5) HDGNR10, and isolated polynucleotides encoding this protein. The invention is also directed to human antibodies that bind Human G-protein Chemokine Receptor (CCR5) HDGNR10 and to polynucleotides encoding those antibodies. Also provided are vectors, host cells, antibodies, and **recombinant** methods for producing Human G-protein Chemokine Receptor (CCR5) HDGNR10 and human anti-Human G-protein Chemokine Receptor (CCR5) HDGNR10 antibodies. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to this novel human protein and these novel human antibodies.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 10 OF 145 USPATFULL

ACCESSION NUMBER: 2002:119584 USPATFULL  
TITLE: Novel nucleic acids and polypeptides  
INVENTOR(S): Tang, Y. Tom, San Jose, CA, UNITED STATES  
Liu, Chenghua, San Jose, CA, UNITED STATES  
Zhou, Ping, Cupertino, CA, UNITED STATES  
Asundi, Vinod, Foster City, CA, UNITED STATES  
Ren, Feiyan, Cupertino, CA, UNITED STATES  
Zhang, Jie, Campbell, CA, UNITED STATES  
Zhao, Qing A., San Jose, CA, UNITED STATES  
Xue, Aidong J., Sunnyvale, CA, UNITED STATES  
Goodrich, Ryle, San Jose, CA, UNITED STATES  
Wehrman, Tom, Stanford, CA, UNITED STATES  
Drmanac, Radoje T., Palo Alto, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002061567	A1	20020523
APPLICATION INFO.:	US 2000-728711	A1	20001130 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-649167, filed on 23 Aug 2000, PENDING Continuation-in-part of Ser. No. US 2000-540217, filed on 31 Mar 2000, PENDING		
DOCUMENT TYPE:	Utility		

FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: Ivor R. Elrifi, Mintz, Levin, Cohn, Ferris, Glovsky and  
Popeo, P.C, One Financial Center, Boston, MA, 02111  
NUMBER OF CLAIMS: 28  
EXEMPLARY CLAIM: 1  
LINE COUNT: 5921  
AB The present invention provides novel nucleic acids, novel polypeptide  
sequences encoded by these nucleic acids and uses thereof.

L192 ANSWER 11 OF 145 USPATFULL  
ACCESSION NUMBER: 2002:119538 USPATFULL  
TITLE: Nucleic acids, proteins, and antibodies  
INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES  
Barash, Steven C., Rockville, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002061521	A1	20020523
APPLICATION INFO.:	US 2001-764869	A1	20010117 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-179065P	20000131 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	24	
EXEMPLARY CLAIM:	1	
LINE COUNT:	27967	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel cardiovascular system related polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "cardiovascular system antigens," and the use of such cardiovascular system antigens for detecting disorders of the cardiovascular system, particularly the presence of cancer of cardiovascular system tissues and cancer metastases. More specifically, isolated cardiovascular system associated nucleic acid molecules are provided encoding novel cardiovascular system associated polypeptides. Novel cardiovascular system polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and **recombinant** and synthetic methods for producing human cardiovascular system associated polynucleotides and/or polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the cardiovascular system, including cancer of cardiovascular system tissues, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The present invention further relates to methods and/or compositions for inhibiting the production and function of the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 12 OF 145 USPATFULL  
ACCESSION NUMBER: 2002:112873 USPATFULL  
TITLE: Use of insulin for the treatment of cartilagenous disorders  
INVENTOR(S): Filvaroff, Ellen H., San Francisco, CA, UNITED STATES  
Okumu, Franklin W., Oakland, CA, UNITED STATES  
PATENT ASSIGNEE(S): GENENTECH, INC. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002058614	A1	20020516
APPLICATION INFO.:	US 2001-815229	A1	20010322 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-192103P	20000324 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	GENENTECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA, 94080	
NUMBER OF CLAIMS:	48	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	26 Drawing Page(s)	
LINE COUNT:	5581	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to methods for the treatment and repair of cartilage, including cartilage damaged by injury or cartilagenous disorders, including arthritis, comprising the administration of insulin and/or insulin variants. Optionally, the administration may be in combination with a cartilage agent (e.g., peptide growth factor, catabolism antagonist, osteo-, synovial, anti-inflammatory factor), in an extended- or sustained-release form. Alternatively, the method provides for the treatment and repair of cartilage damaged by injury or cartilagenous disorders comprising the administration of insulin and/or insulin in combination with standard surgical techniques. Alternatively, the method provides for the treatment and repair of cartilage damaged by injury or cartilagenous disorders comprising the administration of chondrocytes previously treated with an effective amount of insulin and/or insulin variant.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 13 OF 145 USPATFULL  
 ACCESSION NUMBER: 2002:112572 USPATFULL  
 TITLE: 20 Human secreted proteins  
 INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES  
 Ruben, Steven M., Olney, MD, UNITED STATES  
 Yu, Guo-Liang, San Mateo, CA, UNITED STATES  
 Ni, Jian, Rockville, MD, UNITED STATES  
 Feng, Ping, Gaithersburg, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002058307	A1	20020516
APPLICATION INFO.:	US 2001-814122	A1	20010322 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2000-577145, filed on 24 May 2000, ABANDONED Continuation of Ser. No. US 1998-166780, filed on 6 Oct 1998, ABANDONED Continuation-in-part of Ser. No. WO 1998-US9906801, filed on 7 Apr 1998, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-42726P	19970408 (60)
	US	
	US	
	US	
	US	
	US	
	US	
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,  
ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 23

EXEMPLARY CLAIM: 1

LINE COUNT: 6237

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and **recombinant** methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 14 OF 145 USPATFULL

ACCESSION NUMBER: 2002:106416 USPATFULL

TITLE: Nucleic acids, proteins and antibodies

INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002055627	A1	20020509
APPLICATION INFO.:	US 2001-925299	A1	20010810 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2000-US5883, filed on 8 Mar 2000, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-124270P	19990312 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	23	
EXEMPLARY CLAIM:	1	
LINE COUNT:	20658	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel colorectal cancer related polynucleotides, the polypeptides encoded by these polynucleotides herein collectively referred to as "colorectal cancer antigens," and antibodies that immunospecifically bind these polypeptides, and the use of such colorectal cancer polynucleotides, antigens, and antibodies for detecting, treating, preventing and/or prognosing disorders of the colon and/or rectum, including, but not limited to, the presence of colorectal cancer and colorectal cancer metastases. More specifically, isolated colorectal cancer nucleic acid molecules are provided encoding novel colorectal cancer polypeptides. Novel colorectal cancer polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and **recombinant** and synthetic methods for producing human colorectal cancer polynucleotides, polypeptides, and/or antibodies. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the colon and/or rectum, including colorectal cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The invention further relates to methods and/or compositions for inhibiting or promoting the production and/or function of the polypeptides of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.



L192 ANSWER 15 OF 145 USPATFULL  
 ACCESSION NUMBER: 2002:105937 USPATFULL  
 TITLE: Major intrinsic protein (MIP)-like polynucleotides, polypeptides, and antibodies  
 INVENTOR(S): Ruben, Steven A., Olney, MD, UNITED STATES  
 Ni, Jian, Germantown, MD, UNITED STATES  
 PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002055142	A1	20020509
APPLICATION INFO.:	US 2001-862419	A1	20010523 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2000-US31919, filed on 21 Nov 2000, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-167247P	19991124 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	22	
EXEMPLARY CLAIM:	1	
LINE COUNT:	11747	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human MIP-like polypeptides and isolated nucleic acids containing the coding regions of the genes encoding such polypeptides. Also provided are vectors, host cells, antibodies, and **recombinant** methods for producing human MIP-like polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human MIP-like polypeptides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 16 OF 145 USPATFULL  
 ACCESSION NUMBER: 2002:99407 USPATFULL  
 TITLE: Nucleic acids, proteins and antibodies  
 INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES  
 Ruben, Steven M., Olney, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002052308	A1	20020502
APPLICATION INFO.:	US 2001-925301	A1	20010810 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2000-US5882, filed on 8 Mar 2000, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-124270P	19990312 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	23	
EXEMPLARY CLAIM:	1	
LINE COUNT:	30577	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to newly identified tissue specific cancer associated polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "cancer antigens," and to the complete gene sequences associated therewith and to the expression

products thereof, as well as the use of such tissue specific cancer antigens for detection, prevention and treatment of tissue specific disorders, particularly the presence of cancer. This invention relates to the cancer antigens as well as vectors, host cells, antibodies directed to cancer antigens and **recombinant** and synthetic methods for producing the same. Also provided are diagnostic methods for diagnosing and treating, preventing and/or prognosing tissue specific disorders, including cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of cancer antigens of the invention. The present invention further relates to methods and/or compositions for inhibiting the production and/or function of the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 17 OF 145 USPATFULL  
 ACCESSION NUMBER: 2002:99088 USPATFULL  
 TITLE: Kringle domain-containing polynucleotides, polypeptides, and antibodies  
 INVENTOR(S): Ni, Jian, Germantown, MD, UNITED STATES  
 Moore, Paul A., Germantown, MD, UNITED STATES  
 Ruben, Steven M., Olney, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002051984	A1	20020502
APPLICATION INFO.:	US 2001-848288	A1	20010504 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2000-US30664, filed on 8 Nov 2000, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-164853P	19991112 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	22	
EXEMPLARY CLAIM:	1	
LINE COUNT:	12041	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human KDC polypeptides and isolated nucleic acids containing the coding regions of the genes encoding such polypeptides. Also provided are vectors, host cells, antibodies, and **recombinant** methods for producing human KDC polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human KDC polypeptides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 18 OF 145 USPATFULL  
 ACCESSION NUMBER: 2002:98899 USPATFULL  
 TITLE: Novel parenteral vaccine formulations and uses thereof  
 INVENTOR(S): Soni, Nanna Kristensen, Copenhagen K, DENMARK  
 Rahbek, Janne Uldal, Holte, DENMARK  
 Aasmul-Olsen, Stig, Skodsborg, DENMARK  
 Lund, Lise, Fredensborg, DENMARK  
 PATENT ASSIGNEE(S): ALK-ABELLO A/S (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002051794	A1	20020502
APPLICATION INFO.:	US 2001-925635	A1	20010809 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	DK 2000-1194	20000809
	US 2000-224037P	20000809 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	DARBY & DARBY P.C., 805 Third Avenue, New York, NY, 10022	
NUMBER OF CLAIMS:	61	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Page(s)	
LINE COUNT:	1325	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Parenteral vaccine formulations and adjuvant compositions comprising certain salts as adjuvants are disclosed. Such parenteral vaccine formulations are used for generating an immune response in a subject following administration of the vaccine formulation or the adjuvant composition. Also disclosed is the use of these salts as adjuvants in parenteral vaccine formulations and adjuvant compositions, and to vaccine adjuvants comprising such salts.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 19 OF 145 USPATFULL  
 ACCESSION NUMBER: 2002:92268 USPATFULL  
 TITLE: Human G-protein Chemokine Receptor HDGNR10  
 INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES  
 Roschke, Viktor, Rockville, MD, UNITED STATES  
 Li, Yi, Sunnyvale, CA, UNITED STATES  
 Ruben, Steven M., Olney, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002048786	A1	20020425
APPLICATION INFO.:	US 2001-779879	A1	20010209 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-181258P	20000209 (60)
	US 2000-187999P	20000309 (60)
	US 2000-234336P	20000922 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	STERNE, KESSLER, GOLDSTEIN & FOX PLLC, 1100 NEW YORK AVENUE, N.W., SUITE 600, WASHINGTON, DC, 20005-3934	
NUMBER OF CLAIMS:	61	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	4 Drawing Page(s)	
LINE COUNT:	17969	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a novel human protein called Human G-protein Chemokine Receptor (CCR5) HDGNR10, and isolated polynucleotides encoding this protein. The invention is also directed to human antibodies that bind Human G-protein Chemokine Receptor (CCR5) HDGNR10 and to polynucleotides encoding those antibodies. Also provided are vectors, host cells, antibodies, and **recombinant** methods for producing Human G-protein Chemokine Receptor (CCR5) HDGNR10 and human anti-Human G-protein Chemokine Receptor (CCR5) HDGNR10 antibodies. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to this novel human protein and these novel human antibodies.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 20 OF 145 USPATFULL  
 ACCESSION NUMBER: 2002:92054 USPATFULL  
 TITLE: Chimeric polypeptides of **serum albumin** and uses related thereto  
 INVENTOR(S): Gyuris, Jeno, Winchester, MA, UNITED STATES  
 Lamphere, Lou, Newton, MA, UNITED STATES  
 Morris, Aaron, Brighton, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002048571	A1	20020425
APPLICATION INFO.:	US 2001-768183	A1	20010123 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-764918, filed on 18 Jan 2001, PENDING Continuation-in-part of Ser. No. US 2000-619285, filed on 19 Jul 2000, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-144534P	19990719 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	ROPES & GRAY, ONE INTERNATIONAL PLACE, BOSTON, MA, 02110-2624	
NUMBER OF CLAIMS:	53	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	16 Drawing Page(s)	
LINE COUNT:	1937	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to chimeric polypeptides in which a **serum albumin** protein has been altered to include one or more biologically active heterologous peptide sequences. The chimeric polypeptides may exhibit therapeutic activity related to the heterologous peptide sequences coupled with the improved serum half-lives derived from the **serum albumin** protein fragments. Heterologous peptide sequences maybe chosen to promote any biological effect, including angiogenesis inhibition, antitumor activity, and induction of apoptosis. The therapeutic effect may be achieved by direct administration of the chimeric polypeptide, or by transfecting cells with a vector including a nucleic acid encoding such a chimeric polypeptide.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 21 OF 145 USPATFULL  
 ACCESSION NUMBER: 2002:85190 USPATFULL  
 TITLE: Nucleic acids, proteins, and antibodies  
 INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES  
 Rubin, Steven M., Olney, MD, UNITED STATES  
 Barash, Steven C., Rockville, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002045230	A1	20020418
APPLICATION INFO.:	US 2001-908711	A1	20010720 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2001-US1360, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. US 2001-764867, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. WO 2001-US1344, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. US 2001-764892, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. WO 2001-US1345, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. US 2001-764888, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. WO 2001-US1329, filed		

on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. US 2001-764905, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. US 2001-764891, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. WO 2001-US1339, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. US 2001-764869, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. WO 2001-US1340, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. US 2001-764874, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. WO 2001-US1334, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. US 2001-764898, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. WO 2001-US1320, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. US 2001-764853, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. US 2001-764902, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. WO 2001-US1239, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. US 2001-764870, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. WO 2001-US1348, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. US 2001-764882, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. WO 2001-US1347, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. US 2001-764896, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. WO 2001-US1307, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. US 2001-764864, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. WO 2001-US1341, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. US 2001-764856, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. WO 2001-US1336, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. US 2001-764868, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. WO 2001-US1312, filed on 17 Jan 2001, UNKNOWN

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-179065P	20000131 (60)
	US 2000-180628P	20000204 (60)
	US 2000-251868P	20001208 (60)
	US 2000-232398P	20000914 (60)
	US 2000-249300P	20001117 (60)
	US 2000-251990P	20001208 (60)
	US 2000-250160P	20001201 (60)
	US 2000-209467P	20000607 (60)
	US 2000-179065P	20000131 (60)
	US 2000-180628P	20000204 (60)
	US 2000-214886P	20000628 (60)
	US 2000-217487P	20000711 (60)
	US 2000-225758P	20000814 (60)
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US 2000-234998P	20000925 (60)
US 2000-246477P	20001108 (60)
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US 2000-190076P	20000317 (60)
US 2000-209467P	20000607 (60)
US 2000-205515P	20000519 (60)
US 2001-259678P	20010105 (60)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,  
ROCKVILLE, MD, 20850

NUMBER OF CLAIMS:

24

EXEMPLARY CLAIM:

1

LINE COUNT:

24462

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB

The present invention relates to novel ovarian related polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "ovarian antigens," and the use of such ovarian antigens for detecting disorders of the ovaries and/or breast, particularly the presence of ovarian and/or breast cancer and ovarian and/or breast cancer metastases. More specifically, isolated ovarian associated nucleic acid molecules are provided encoding novel ovarian associated polypeptides. Novel ovarian polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and **recombinant** and synthetic methods for producing human ovarian associated polynucleotides and/or polypeptides. The invention further relates to diagnostic and therapeutic methods useful



for diagnosing, treating, preventing and/or prognosing disorders related to the ovaries and/or breast, including ovarian and/or breast cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The present invention further relates to methods and/or compositions for inhibiting the production and function of the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 22 OF 145   USPATFULL  
ACCESSION NUMBER:       2002:84902   USPATFULL  
TITLE:                Nucleic acids, proteins and antibodies  
INVENTOR(S):          Rosen, Craig A., Laytonsville, MD, UNITED STATES  
                      Ruben, Steven M., Olney, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002044941	A1	20020418
APPLICATION INFO.:	US 2001-925302	A1	20010810 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2000-US5918, filed on 8 Mar 2000, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-124270P	19990312 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	23	
EXEMPLARY CLAIM:	1	
LINE COUNT:	21121	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB     The present invention relates to novel lung cancer related polynucleotides, the polypeptides encoded by these polynucleotides herein collectively referred to as "lung cancer antigens," and antibodies that immunospecifically bind these polypeptides, and the use of such lung cancer polynucleotides, antigens, and antibodies for detecting, treating, preventing and/or prognosing disorders of the lung, including, but not limited to, the presence of lung cancer and lung cancer metastases. More specifically, isolated lung cancer nucleic acid molecules are provided encoding novel lung cancer polypeptides. Novel lung cancer polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and **recombinant** and synthetic methods for producing human lung cancer polynucleotides, polypeptides, and/or antibodies. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the lung, including lung cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The invention further relates to methods and/or compositions for inhibiting or promoting the production and/or function of the polypeptides of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 23 OF 145   USPATFULL  
ACCESSION NUMBER:       2002:78729   USPATFULL  
TITLE:                Nucleic acids, proteins, and antibodies  
INVENTOR(S):          Rosen, Craig A., Laytonsville, MD, UNITED STATES  
                      Ruben, Steven M., Olney, MD, UNITED STATES  
                      Barash, Steven C., Rockville, MD, UNITED STATES

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2002042386	A1	20020411	
APPLICATION INFO.:	US 2001-764870	A1	20010117	(9)

	NUMBER	DATE	
PRIORITY INFORMATION:	US 2000-179065P	20000131	(60)
	US 2000-180628P	20000204	(60)
	US 2000-214886P	20000628	(60)
	US 2000-217487P	20000711	(60)
	US 2000-225758P	20000814	(60)
	US 2000-220963P	20000726	(60)
	US 2000-217496P	20000711	(60)
	US 2000-225447P	20000814	(60)
	US 2000-218290P	20000714	(60)
	US 2000-225757P	20000814	(60)
	US 2000-226868P	20000822	(60)
	US 2000-216647P	20000707	(60)
	US 2000-225267P	20000814	(60)
	US 2000-216880P	20000707	(60)
	US 2000-225270P	20000814	(60)
	US 2000-251869P	20001208	(60)
	US 2000-235834P	20000927	(60)
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	US 2000-234223P	20000921	(60)
	US 2000-228924P	20000830	(60)
	US 2000-224518P	20000814	(60)
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	US 2000-220964P	20000726	(60)
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	US 2000-249299P	20001117	(60)
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	US 2000-241785P	20001020	(60)
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	US 2000-236368P	20000929	(60)
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	US 2000-229344P	20000901	(60)
	US 2000-234997P	20000925	(60)
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	US 2000-229513P	20000905	(60)
	US 2000-231413P	20000908	(60)
	US 2000-229509P	20000905	(60)
	US 2000-236367P	20000929	(60)
	US 2000-237039P	20001002	(60)
	US 2000-237038P	20001002	(60)
	US 2000-236370P	20000929	(60)
	US 2000-236802P	20001002	(60)
	US 2000-237037P	20001002	(60)
	US 2000-237040P	20001002	(60)
	US 2000-240960P	20001020	(60)
	US 2000-239935P	20001013	(60)

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,  
ROCKVILLE, MD, 20850  
NUMBER OF CLAIMS: 24  
EXEMPLARY CLAIM: 1  
LINE COUNT: 23133

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel proteins. More specifically, isolated nucleic acid molecules are provided encoding novel polypeptides. Novel polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and **recombinant** and synthetic methods for producing human polynucleotides and/or polypeptides, and antibodies. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to these novel polypeptides. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The present invention further relates to methods and/or compositions for inhibiting or enhancing the production and function of the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 24 OF 145 USPATFULL

ACCESSION NUMBER: 2002:78715 USPATFULL

TITLE: Stanniocalcin polynucleotides, polypeptides, and methods based thereon

INVENTOR(S): Olsen, Henrik S., Gaithersburg, MD, UNITED STATES

Zhang, Ke-Zhou, Brussels, BELGIUM

Lindsberg, Perttu, Helsinki, FINLAND

Tatlisumak, Turgut, Helsinki, FINLAND

Kaste, Markku, Vantaa, FINLAND

Andersson, Leif C., Helsinki, FINLAND

PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002042372	A1	20020411
APPLICATION INFO.:	US 2001-840989	A1	20010425 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2000-US29432, filed on 26 Oct 2000, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-161740P	19991027 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	47	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	12 Drawing Page(s)	
LINE COUNT:	9559	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to human stanniocalcin (STC) polynucleotides, polypeptides, and other Stanniocalcin compositions and to novel methods based thereon. In a specific embodiment, the Stanniocalcin compositions of the invention are used to treat or protect neural cells. Moreover, the present invention relates to vectors, host cells, antibodies, and **recombinant** and synthetic methods for producing the Stanniocalcin compositions of the invention. Also provided are diagnostic methods for detecting or prognosing diseases, disorders, damage or injury, associated with alterations of the Stanniocalcin compositions of the invention, and to therapeutic methods for treating such diseases, disorders, damage or injury.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 25 OF 145 USPATFULL

ACCESSION NUMBER: 2002:78474 USPATFULL

TITLE: Immortalized human **skin** cell lines and novel serum-free medium useful for the production thereof

INVENTOR(S): Baur, Markus, Lausanne, SWITZERLAND  
Mace, Catherine, Lutry, SWITZERLAND  
Malnoe, Armand, Dommartin, SWITZERLAND  
Pfeifer, Andrea M., A., St-Legier, SWITZERLAND  
Regnier, Marcelle, Paris, FRANCE

PATENT ASSIGNEE(S): NESTEC S.A. (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002042129	A1	20020411
APPLICATION INFO.:	US 2001-982649	A1	20011018 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1998-91483, filed on 19 Jun 1998, PENDING A 371 of International Ser. No. WO 1996-EP5812, filed on 19 Dec 1996, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1995-8576483	19951221
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	WINSTON & STRAWN, 200 PARK AVENUE, NEW YORK, NY, 10166-4193	
NUMBER OF CLAIMS:	19	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Page(s)	
LINE COUNT:	1238	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
AB	The present invention relates to improved continuous (immortalized) cell lines, in particular keratinocytes and melanocytes derived from normal human <b>skin</b> tissue. The present invention also relates to novel serum-free media for isolating, producing and maintaining said improved continuous keratinocyte and melanocyte cell lines. The present invention also relates to methods for producing primary melanocytes and keratinocytes under serum-free conditions without any feeder cells.	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 26 OF 145 USPATFULL

ACCESSION NUMBER: 2002:78442 USPATFULL

TITLE: Nucleic acids, proteins, and antibodies

INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES  
Barash, Steven C., Rockville, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002042096	A1	20020411
APPLICATION INFO.:	US 2001-764887	A1	20010117 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-179065P	20000131 (60)
	US 2000-180628P	20000204 (60)
	US 2000-214886P	20000628 (60)
	US 2000-217487P	20000711 (60)
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	US 2000-220963P	20000726 (60)
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	US 2000-218290P	20000714 (60)
	US 2000-225757P	20000814 (60)
	US 2000-226868P	20000822 (60)
	US 2000-216647P	20000707 (60)

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US 2000-240960P	20001020 (60)
US 2000-239935P	20001013 (60)

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,  
ROCKVILLE, MD, 20850  
NUMBER OF CLAIMS: 24  
EXEMPLARY CLAIM: 1  
LINE COUNT: 19583

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel liver related polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "liver antigens," and the use of such liver antigens for detecting disorders of the liver, particularly the presence of cancer of liver and cancer metastases. More specifically, isolated liver associated nucleic acid molecules are provided encoding novel liver associated polypeptides. Novel liver polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and **recombinant** and synthetic methods for producing human liver associated polynucleotides and/or polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the liver, including cancer of liver tissues, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The present invention further relates to methods and/or compositions for inhibiting the production and function of the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 27 OF 145 USPATFULL

ACCESSION NUMBER: 2002:72627 USPATFULL  
TITLE: Nucleic, acids, proteins, and antibodies  
INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002039764	A1	20020404
APPLICATION INFO.:	US 2001-925298	A1	20010810 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2000-US5881, filed on 8 Mar 2000, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-124270P	19990312 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	23	
EXEMPLARY CLAIM:	1	
LINE COUNT:	20087	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel ovarian cancer and/or breast cancer related polynucleotides, the polypeptides encoded by these polynucleotides herein collectively referred to as "ovarian and/or breast antigens," and antibodies that immunospecifically bind these polypeptides, and the use of such ovarian and/or breast polynucleotides, antigens, and antibodies for detecting, treating, preventing and/or prognosing disorders of the reproductive system, particularly disorders of the ovaries and/or breast, including, but not limited to, the presence of ovarian and/or breast cancer and ovarian and/or breast cancer metastases. More specifically, isolated ovarian and/or breast nucleic acid molecules are provided encoding novel ovarian and/or breast polypeptides. Novel ovarian and/or breast polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and **recombinant** and synthetic methods for producing human ovarian and/or breast polynucleotides, polypeptides, and/or antibodies. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the ovaries and/or breast, including ovarian and/or breast cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The invention further relates to methods and/or compositions for inhibiting or promoting the production and/or function of the polypeptides of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 28 OF 145 USPATFULL

ACCESSION NUMBER: 2002:66896 USPATFULL  
TITLE: ABC transport polynucleotides, polypeptides, and antibodies  
INVENTOR(S): Ruben, Steven M., Olney, MD, UNITED STATES  
Ni, Jian, Germantown, MD, UNITED STATES  
Moore, Paul A., Germantown, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002037549	A1	20020328
APPLICATION INFO.:	US 2001-767870	A1	20010124 (9)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. WO 2000-US19736, filed  
on 20 Jul 2000, UNKNOWN

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-145215P	19990723 (60)
	US 1999-149445P	19990818 (60)
	US 1999-164730P	19991112 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	22	
EXEMPLARY CLAIM:	1	
LINE COUNT:	12219	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human ABC transport polypeptides and isolated nucleic acids containing the coding regions of the genes encoding such polypeptides. Also provided are vectors, host cells, antibodies, and **recombinant** methods for producing human ABC transport polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human ABC transport polypeptides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 29 OF 145 USPATFULL  
ACCESSION NUMBER: 2002:66870 USPATFULL  
TITLE: IL-6-like polynucleotides, polypeptides, and antibodies  
INVENTOR(S): Ruben, Steven M., Olney, MD, UNITED STATES  
Shi, Yanggu, Gaithersburg, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002037523	A1	20020328
APPLICATION INFO.:	US 2001-875016	A1	20010607 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2000-US33134, filed on 7 Dec 2000, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-169838P	19991209 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	22	
EXEMPLARY CLAIM:	1	
LINE COUNT:	11587	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human IL-6-like polypeptides and isolated nucleic acids containing the coding regions of the genes encoding such polypeptides. Also provided are vectors, host cells, antibodies, and **recombinant** methods for producing human IL-6-like polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human IL-6-like polypeptides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 30 OF 145 USPATFULL  
ACCESSION NUMBER: 2002:61226 USPATFULL  
TITLE: COMPOSITIONS AND METHODS FOR TREATING INFECTIONS USING  
CATIONIC PEPTIDES ALONE OR IN COMBINATION WITH  
ANTIBIOTICS

INVENTOR(S): KRIEGER, TIMOTHY J., RICHMOND, CANADA  
 TAYLOR, ROBERT, SURREY, CANADA  
 ERFLE, DOUGLAS, VANCOUVER, CANADA  
 FRASER, JANET R., VANCOUVER, CANADA  
 WEST, MICHAEL H.P., VANCOUVER, CANADA  
 MCNICHOL, PATRICIA J., COQUITLAM, CANADA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002035061	A1	20020321
APPLICATION INFO.:	US 1998-30619	A1	19980227 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1997-915314, filed on 20 Aug 1997, GRANTED, Pat. No. US 6180604		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-40649P	19970310 (60)
	US 1997-60099P	19970926 (60)
	US 1996-24754P	19960821 (60)
	US 1997-34949P	19970113 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092	
NUMBER OF CLAIMS:	94	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	33 Drawing Page(s)	
LINE COUNT:	7074	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for treating infections, especially bacterial infections, are provided. Indolicidin peptide analogues containing at least two basic amino acids are prepared. The analogues are administered as modified peptides, preferably containing photo-oxidized solubilizer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 31 OF 145 USPATFULL  
 ACCESSION NUMBER: 2002:60923 USPATFULL  
 TITLE: Single-molecule selection methods and compositions therefrom  
 INVENTOR(S): Cubicciotti, Roger S., Montclair, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002034757	A1	20020321
APPLICATION INFO.:	US 2001-907385	A1	20010717 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1998-81930, filed on 20 May 1998, GRANTED, Pat. No. US 6287765		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	LICATA & TYRRELL P.C., 66 E. MAIN STREET, MARLTON, NJ, 08053		
NUMBER OF CLAIMS:	129		
EXEMPLARY CLAIM:	1		
LINE COUNT:	15716		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Single-molecule selection methods are provided for identifying target-binding molecules from diverse sequence and shape libraries. Complexes and imprints of selected target-binding molecules are also provided. The subject selection methods are used to identify oligonucleotide and nonnucleotide molecules with desirable properties for use in pharmaceuticals, drug discovery, drug delivery, diagnostics, medical devices, **cosmetics**, agriculture, environmental remediation, smart materials, packaging, microelectronics and nanofabrication. Single oligonucleotide molecules with desirable binding



properties are selected from diverse sequence libraries and identified by amplification and sequencing. Alternatively, selected oligonucleotide molecules are identified by sequencing without amplification. Nonnucleotide molecules with desirable properties are identified by single-molecule selection from libraries of conjugated molecules or nucleotide-encoded nonnucleotide molecules. Alternatively, target-specific nonnucleotide molecules are prepared by imprinting selected oligonucleotide molecules into nonnucleotide molecular media. Complexes and imprints of molecules identified by single-molecule selection are shown to have broad utility as drugs, prodrugs, drug delivery systems, willfully reversible **cosmetics**, diagnostic reagents, sensors, transducers, actuators, adhesives, adherents and novel multimolecular devices.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 32 OF 145 USPATFULL  
 ACCESSION NUMBER: 2002:54636 USPATFULL  
 TITLE: Novel nucleic acid isolated from tetrahymena which codes for a triterpenoid cyclase, its production, and use  
 INVENTOR(S): Rusing, Matthias, Koln, GERMANY, FEDERAL REPUBLIC OF  
 Schweins, Thomas, Dusseldorf, GERMANY, FEDERAL REPUBLIC OF  
 Dresler, Petra, Kriftel, GERMANY, FEDERAL REPUBLIC OF  
 Stock, Wolfgang, Dusseldorf, GERMANY, FEDERAL REPUBLIC OF  
 Kiy, Thomas, Frankfurt am Main, GERMANY, FEDERAL REPUBLIC OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002031797	A1	20020314
APPLICATION INFO.:	US 2000-725735	A1	20001130 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1999-19957889	19991201
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	MCKENNA & CUNEO, LLP, 1900 K Street, NW, Washington, DC, 20006	
NUMBER OF CLAIMS:	30	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	10 Drawing Page(s)	
LINE COUNT:	1845	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to nucleic acids isolated from Tetrahymena which code for a ciliate-specific triterpenoid cyclase. The inventive nucleotide sequences and the polypeptide sequences derived therefrom demonstrate a surprisingly minimal sequence identity to known isoprenoid cyclases. The invention also relates to the use of nucleic acids for the regulation of triterpenoid cyclase expression in a host organism, as well as the targeted knockout or repriming of the triterpenoid cyclase gene. As a result of the altered expression of the triterpenoid cyclase, it is possible to modify and enrich the levels of multiple unsaturated fatty acids in the host organism.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 33 OF 145 USPATFULL  
 ACCESSION NUMBER: 2002:48258 USPATFULL  
 TITLE: 26 Human secreted proteins  
 INVENTOR(S): Ruben, Steven M., Olney, MD, UNITED STATES  
 Birse, Charles E., North Potomac, MD, UNITED STATES

Duan, Roxanne D., Bethesda, MD, UNITED STATES  
 Soppet, Daniel R., Centreville, VA, UNITED STATES  
 Rosen, Craig A., Laytonsville, MD, UNITED STATES  
 Shi, Yanggu, Gaithersburg, MD, UNITED STATES  
 LaFleur, David W., Washington, DC, UNITED STATES  
 Olsen, Henrik, Gaithersburg, MD, UNITED STATES  
 Ebner, Reinhard, Gaithersburg, MD, UNITED STATES  
 Florence, Kimberly A., Rockville, MD, UNITED STATES  
 Ni, Jian, Rockville, MD, UNITED STATES  
 Young, Paul, Gaithersburg, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002028449	A1	20020307
APPLICATION INFO.:	US 2000-726643	A1	20001201 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2000-US15187, filed on 2 Jun 2000, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-137725P	19990607 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	23	
EXEMPLARY CLAIM:	1	
LINE COUNT:	20287	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and **recombinant** methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 34 OF 145 USPATFULL  
 ACCESSION NUMBER: 2002:43671 USPATFULL  
 TITLE: 49 human secreted proteins  
 INVENTOR(S): Moore, Paul A., Germantown, MD, UNITED STATES  
 Ruben, Steven M., Olney, MD, UNITED STATES  
 Olsen, Henrik S., Gaithersburg, MD, UNITED STATES  
 Shi, Yanggu, Gaithersburg, MD, UNITED STATES  
 Rosen, Craig A., Laytonsville, MD, UNITED STATES  
 Florence, Kimberly A., Rockville, MD, UNITED STATES  
 Soppet, Daniel R., Centreville, VA, UNITED STATES  
 LaFleur, David W., Washington, DC, UNITED STATES  
 Endress, Gregory A., Potomac, MD, UNITED STATES  
 Ebner, Reinhard, Gaithersburg, MD, UNITED STATES  
 Komatsoulis, George, Silver Spring, MD, UNITED STATES  
 Duan, Roxanne D., Bethesda, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002026040	A1	20020228
APPLICATION INFO.:	US 2001-904615	A1	20010716 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2000-739254, filed on 19 Dec 2000, PENDING Continuation of Ser. No. US 2000-511554, filed on 23 Feb 2000, ABANDONED Continuation-in-part of Ser. No. WO 1999-US19330, filed on 24 Aug 1999, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-97917P	19980825 (60)
	US 1998-98634P	19980831 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	23	
EXEMPLARY CLAIM:	1	
LINE COUNT:	19401	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and **recombinant** methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 35 OF 145 USPATFULL  
 ACCESSION NUMBER: 2002:43668 USPATFULL  
 TITLE: VASCULAR ENDOTHELIAL GROWTH FACTOR 3 ANTIBODIES  
 INVENTOR(S): HU, JING-SHAN, SUNNYVALE, CA, UNITED STATES  
 OLSEN, HENRIK, GAITHERSBURG, MD, UNITED STATES  
 ROSEN, CRAIG A., LAYTONSVILLE, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002026037	A1	20020228
APPLICATION INFO.:	US 1999-244694	A1	19990210 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1998-132088, filed on 10 Aug 1998, ABANDONED Continuation-in-part of Ser. No. US 1998-33662, filed on 3 Mar 1998, PENDING Division of Ser. No. US 1995-469641, filed on 6 Jun 1995, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	STERNE KESSLER GOLDSTEIN & FOX, 1100 NEW YORK AVENUE N W, SUITE 600, WASHINGTON, DC, 200053934		
NUMBER OF CLAIMS:	25		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	5 Drawing Page(s)		
LINE COUNT:	6301		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a novel human protein called Vascular Endothelial Growth Factor 3, and isolated polynucleotides encoding this protein. Also provided are vectors, host cells, antibodies, and **recombinant** methods for producing this human protein. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to this novel human protein.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 36 OF 145 USPATFULL  
 ACCESSION NUMBER: 2002:43187 USPATFULL  
 TITLE: Transforming growth factor alpha HIII  
 INVENTOR(S): Wei, Ying-Fei, Berkeley, CA, UNITED STATES

NUMBER	KIND	DATE
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PATENT INFORMATION: US 2002025553 A1 20020228  
APPLICATION INFO.: US 2000-726348 A1 20001201 (9)  
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1997-778545, filed  
on 3 Jan 1997, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-11136P	19960104 (60)
	US 1999-168387P	19991202 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	25	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	5 Drawing Page(s)	
LINE COUNT:	11810	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a novel human protein called Transforming Growth Factor Alpha III, and isolated polynucleotides encoding this protein. Also provided are vectors, host cells, antibodies, and **recombinant** methods for producing this human protein. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to this novel human protein.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 37 OF 145 USPATFULL  
ACCESSION NUMBER: 2002:26857 USPATFULL  
TITLE: Hedgehog and patched antagonists for inhibiting cell  
and tissue growth and differentiation and uses therefor  
INVENTOR(S): Burkly, Linda, West Newton, MA, UNITED STATES  
Wang, Li Chun, North Grafton, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002015702	A1	20020207
APPLICATION INFO.:	US 2001-804490	A1	20010312 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 1999-US20852, filed on 10 Sep 1999, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-100037P	19980911 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	ROPES & GRAY, ONE INTERNATIONAL PLACE, BOSTON, MA, 02110-2624	
NUMBER OF CLAIMS:	29	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	11 Drawing Page(s)	
LINE COUNT:	1677	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A method for inhibiting growth or differentiation of an epithelial cell comprising contacting at least an epithelial cell with an effective amount of an agent selected from the group consisting of a hedgehog antagonist and a patched antagonist.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 38 OF 145 USPATFULL  
ACCESSION NUMBER: 2002:22158 USPATFULL  
TITLE: IMPROVED IMMORTALIZED HUMAN **SKIN** CELL LINES

AND NOVEL SERUM-FREE MEDIUM USEFUL FOR THE PRODUCTION THEREOF

INVENTOR(S):

BAUR, MARKUS, LAUSANNE, SWITZERLAND  
MACE, CATHERINE, LUTRY, SWITZERLAND  
MALNOE, ARMAND, DOMMARTIN, SWITZERLAND  
PFEIFER, ANDREA, ST-LEGIER, SWITZERLAND  
REGNIER, MARCELLE, PARIS, FRANCE

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002012993	A1	20020131
APPLICATION INFO.:	US 1998-91483	A1	19980619 (9)
	WO 1996-EP5812		19961219

	NUMBER	DATE
PRIORITY INFORMATION:	US 1995-8576483	19951221
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	WINSTON & STRAWN, 200 Park Avenue, New York, NY, 10166-4193	
NUMBER OF CLAIMS:	30	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Page(s)	
LINE COUNT:	1255	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to improved continuous (immortalized) cell lines, in particular keratinocytes and melanocytes derived from normal human **skin** tissue. The present invention also relates to novel serum-free media for isolating, producing and maintaining said improved continuous keratinocyte and melanocyte cell lines. The present invention also relates to methods for producing primary melanocytes and keratinocytes under serum-free conditions without any feeder cells.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 39 OF 145 USPATFULL

ACCESSION NUMBER: 2002:22131 USPATFULL

TITLE: 18 Human secreted proteins

INVENTOR(S): Shi, Yanggu, Gaithersburg, MD, UNITED STATES  
Young, Paul E., Gaithersburg, MD, UNITED STATES  
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES  
Soppet, Daniel R., Centreville, VA, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002012966	A1	20020131
APPLICATION INFO.:	US 2001-768826	A1	20010125 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2000-US22350, filed on 15 Aug 2000, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-148759P	19990816 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	23	
EXEMPLARY CLAIM:	1	
LINE COUNT:	18157	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes

encoding such proteins. Also provided are vectors, host cells, antibodies, and **recombinant** methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 40 OF 145 USPATFULL  
ACCESSION NUMBER: 2002:22119 USPATFULL  
TITLE: Compositions and methods for demonstrating secretory immune system regulation of steroid hormone responsive cancer cell growth  
INVENTOR(S): Sirbasku, David A., Houston, TX, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002012954	A1	20020131
APPLICATION INFO.:	US 2001-852958	A1	20010510 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-203314P	20000510 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	CONLEY ROSE & TAYON, P.C., P. O. BOX 3267, HOUSTON, TX, 77253-3267	
NUMBER OF CLAIMS:	108	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	148 Drawing Page(s)	
LINE COUNT:	9181	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Serum-containing and serum-free immunoglobulin inhibitors of steroid hormone responsive cancer cell growth are disclosed, along with their methods of production. Also disclosed are defined cell culture media, assay protocols, and model systems using the inhibitors for demonstrating steroid hormone growth effects of natural and synthetic substances, and other cell culture applications. The disclosed compositions and methods employing the immunoglobulin inhibitors are also useful as reagents in research, and for the diagnosis, treatment and prevention of mucus epithelial cancers.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 41 OF 145 USPATFULL  
ACCESSION NUMBER: 2002:22092 USPATFULL  
TITLE: Nucleic acid sequences associated with aging, particularly **skin** aging  
INVENTOR(S): Burmer, Glenna C., Seattle, WA, UNITED STATES  
Brown, Joseph P., Seattle, WA, UNITED STATES  
Pritchard, David, Seattle, WA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002012927	A1	20020131
APPLICATION INFO.:	US 2001-802718	A1	20010308 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-188584P	20000310 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	TOWNSEND AND TOWNSEND AND CREW, TWO EMBARCADERO CENTER, EIGHTH FLOOR, SAN FRANCISCO, CA, 94111-3834	

NUMBER OF CLAIMS: 20  
EXEMPLARY CLAIM: 1  
LINE COUNT: 2368

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to the discovery of nucleic acids and proteins associated with the aging processes, such as cell proliferation and senescence, and in particular with **skin** aging. The identification of these aging-associated nucleic acids and proteins have diagnostic uses in detecting the aging status of a cell population as well as application for gene therapy and the delaying of the aging process.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 42 OF 145 USPATFULL

ACCESSION NUMBER: 2002:16906 USPATFULL  
TITLE: Novel nucleic acids and polypeptides  
INVENTOR(S): Tang, Y. Tom, San Jose, CA, UNITED STATES  
Zhou, Ping, Cupertino, CA, UNITED STATES  
Goodrich, Ryle, San Jose, CA, UNITED STATES  
Liu, Chenghua, San Jose, CA, UNITED STATES  
Asundi, Vinod, Foster City, CA, UNITED STATES  
Xue, Aidong J., Sunnyvale, CA, UNITED STATES  
Zhang, Jie, Campbell, CA, UNITED STATES  
Zhao, Qing A., San Jose, CA, UNITED STATES  
Ren, Feiyan, Cupertino, CA, UNITED STATES  
Drmanac, Radoje T., Palo Alto, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002009786	A1	20020124
APPLICATION INFO.:	US 2000-728628	A1	20001201 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-552929, filed on 18 Apr 2000, UNKNOWN		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Ivor R. Elrifi, Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C, One Financial Center, Boston, MA, 02111		
NUMBER OF CLAIMS:	28		
EXEMPLARY CLAIM:	1		
LINE COUNT:	5748		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides novel nucleic acids, novel polypeptide sequences encoded by these nucleic acids and uses thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 43 OF 145 USPATFULL

ACCESSION NUMBER: 2002:12261 USPATFULL  
TITLE: Uteroglobin-like polynucleotides, polypeptides, and antibodies  
INVENTOR(S): Ni, Jian, Germantown, MD, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002006640	A1	20020117
APPLICATION INFO.:	US 2001-846258	A1	20010502 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2000-US30326, filed on 3 Nov 2000, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-163395P	19991104 (60)
DOCUMENT TYPE:	Utility	

FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,  
ROCKVILLE, MD, 20850  
NUMBER OF CLAIMS: 22  
EXEMPLARY CLAIM: 1  
LINE COUNT: 12076

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human uteroglobin-like polypeptides and isolated nucleic acids containing the coding regions of the genes encoding such polypeptides. Also provided are vectors, host cells, antibodies, and **recombinant** methods for producing human uteroglobin-like polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human uteroglobin-like polypeptides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 44 OF 145 USPATFULL  
ACCESSION NUMBER: 2002:12251 USPATFULL  
TITLE: Compositions and methods for the diagnosis, treatment and prevention of steroid hormone responsive cancers  
INVENTOR(S): Sirbasku, David A., Houston, TX, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002006630	A1	20020117
APPLICATION INFO.:	US 2001-852547	A1	20010510 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-203314P	20000510 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	CONLEY ROSE & TAYON, P.C., P. O. BOX 3267, HOUSTON, TX, 77253-3267	
NUMBER OF CLAIMS:	65	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	133 Drawing Page(s)	
LINE COUNT:	10394	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods that use the body's natural secretory immune system in a new way against steroid hormone responsive tumors of the breast and prostate, as well as other glandular/mucus epithelial tissues such as colon, ovary, endometrium, kidney, bladder, stomach, pancreas and secretory pituitary gland are provided. Also provided are new ways of identifying carcinogenic, or potentially carcinogenic, bacteria in a tissue or body fluid to provide better anti-cancer therapies and preventatives than have been available previously.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 45 OF 145 USPATFULL  
ACCESSION NUMBER: 2002:8489 USPATFULL  
TITLE: Retinoid receptor interacting polynucleotides, polypeptides, and antibodies  
INVENTOR(S): Shi, Yanggu, Gaithersburg, MD, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002004489	A1	20020110
APPLICATION INFO.:	US 2001-788600	A1	20010221 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2000-US22351, filed on 15 Aug 2000, UNKNOWN		



	NUMBER	DATE
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PRIORITY INFORMATION:	US 1999-148757P	19990816 (60)
	US 2000-189026P	20000314 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	22	
EXEMPLARY CLAIM:	1	
LINE COUNT:	11257	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
AB	The present invention relates to novel human RIP polypeptides and isolated nucleic acids containing the coding regions of the genes encoding such polypeptides. Also provided are vectors, host cells, antibodies, and <b>recombinant</b> methods for producing human RIP polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human RIP polypeptides.	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 46 OF 145 USPATFULL  
 ACCESSION NUMBER: 2002:4178 USPATFULL  
 TITLE: Synthetic catalytic free radical scavengers useful as antioxidants for prevention and therapy of disease  
 INVENTOR(S): Malfroy-Camine, Bernard, Arlington, MA, UNITED STATES  
 Doctrow, Susan Robin, Roslindale, MA, UNITED STATES

	NUMBER	KIND	DATE
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PATENT INFORMATION:	US 2002002157	A1	20020103
APPLICATION INFO.:	US 2000-542182	A1	20000404 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1998-973577, filed on 11 Mar 1998, GRANTED, Pat. No. US 6046188 A 371 of International Ser. No. WO 1996-US10037, filed on 6 Jun 1996, UNKNOWN Continuation of Ser. No. US 1995-485489, filed on 7 Jun 1995, GRANTED, Pat. No. US 5696109		

	NUMBER	DATE
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PRIORITY INFORMATION:	WO 1993-US11857	19931206
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Eugenia Garrett-Wackowski, Two Embarcadero Center 8th Floor, San Francisco, CA, 94111-3834	
NUMBER OF CLAIMS:	25	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	16 Drawing Page(s)	
LINE COUNT:	3319	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides antioxidant salen-metal complexes, compositions of such antioxidant salen-metal complexes having superoxide activity, catalase activity, and/or peroxidase activity, compositions of salen-metal complexes in a form suitable for pharmaceutical administration to treat or prevent a disease associated with cell or tissue damage produced by free radicals such as superoxide, and **cosmetic** and free radical quenching formulations of salen metal compounds.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 47 OF 145 USPATFULL  
 ACCESSION NUMBER: 2002:3850 USPATFULL  
 TITLE: Fibroblast growth factor-like molecules and uses

INVENTOR(S): thereof  
Itoh, Nobuyuki, Otsu, JAPAN

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002001825	A1	20020103
APPLICATION INFO.:	US 2001-822485	A1	20010402 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-540118, filed on 31 Mar 2000, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	FINNEGAN, HENDERSON, FARABOW,, GARRETT & DUNNER, L.L.P., 1300 I Street, N.W., Washington, DC, 20005		
NUMBER OF CLAIMS:	45		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	6 Drawing Page(s)		
LINE COUNT:	4409		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Novel FGF-like polypeptides and nucleic acid molecules encoding the same. The invention also provides vectors, host cells, selective binding agents, and methods for producing FGF-like polypeptides. Also provided for are methods for the treatment, diagnosis, amelioration, or prevention of diseases with FGF-like polypeptides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 48 OF 145 USPATFULL  
ACCESSION NUMBER: 2002:116027 USPATFULL  
TITLE: Human chemokine beta-10 mutant polypeptides  
INVENTOR(S): Olsen, Henrik S., Gaithersburg, MD, United States  
Li, Haodong, Gaithersburg, MD, United States  
Adams, Mark D., North Potomac, MD, United States  
Gentz, Solange H. L., Rockville, MD, United States  
Alderson, Ralph, Gaithersburg, MD, United States  
Li, Yuling, Germantown, MD, United States  
Parmelee, David, Rockville, MD, United States  
White, John R., Coatsville, PA, United States  
Appelbaum, Edward R., Blue Bell, PA, United States  
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)  
SmithKline Beecham, Corp., King of Prussia, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6391589	B1	20020521
APPLICATION INFO.:	US 2000-479729		20000107 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1995-462967, filed on 5 Jun 1995, now abandoned Continuation-in-part of Ser. No. US 1995-458355, filed on 2 Jun 1995, now patented, Pat. No. US 5981230 Continuation-in-part of Ser. No. WO 1994-US9484, filed on 23 Aug 1994		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-115439P	19990108 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Mertz, Prema	
LEGAL REPRESENTATIVE:	Human Genome Sciences, Inc.	
NUMBER OF CLAIMS:	50	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	21 Drawing Figure(s); 14 Drawing Page(s)	
LINE COUNT:	11904	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Human chemokine Beta-10 polypeptides and DNA (RNA) encoding such chemokine polypeptides and a procedure for producing such polypeptides by **recombinant** techniques is disclosed. Also disclosed are methods for utilizing such chemokine polypeptides for the treatment of leukemia, tumors, chronic infections, autoimmune disease, fibrotic disorders, wound healing and psoriasis. Antagonists against such chemokine polypeptides and their use as a therapeutic to treat rheumatoid arthritis, autoimmune and chronic inflammatory and infective diseases, allergic reactions, prostaglandin-independent fever and bone marrow failure are also disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 49 OF 145 USPATFULL  
ACCESSION NUMBER: 2002:108594 USPATFULL  
TITLE: Biocompatible medical devices  
INVENTOR(S): Gruskin, Elliott A., Killingworth, CT, United States  
PATENT ASSIGNEE(S): United States Surgical Corporation, Norwalk, CT, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6387363	B1	20020514
APPLICATION INFO.:	US 1992-999517		19921231 (7)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Page, Thurman K.		
ASSISTANT EXAMINER:	Fubara, Blessing		
NUMBER OF CLAIMS:	12		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	7 Drawing Figure(s); 5 Drawing Page(s)		
LINE COUNT:	1408		

AB Biocompatible medical devices, including sutures, are disclosed which are produced from polyesters formed from lactide and glycolide copolymers. In a preferred mode of the invention, the biocompatible medical devices are absorbable.

L192 ANSWER 50 OF 145 USPATFULL  
ACCESSION NUMBER: 2002:88439 USPATFULL  
TITLE: Detergent compositions comprising a mannanase and a protease  
INVENTOR(S): Bettiol, Jean-Luc Philippe, Brussels, BELGIUM  
Showell, Michael Stanford, Cincinnati, OH, United States  
PATENT ASSIGNEE(S): Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6376445	B1	20020423
	WO 9909128		19990225
APPLICATION INFO.:	US 2000-485648		20000405 (9)
	WO 1998-US11996		19980610
			20000405 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	EP 1997-870120	19970814
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Delcotto, Gregory	
LEGAL REPRESENTATIVE:	Taffy, Frank, Zerby, K. W., Miller, Steve W.	
NUMBER OF CLAIMS:	8	
EXEMPLARY CLAIM:	1	

NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)  
LINE COUNT: 3501

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Detergent compositions for cleansing fabrics, dishware and hard surfaces contain a mannanase enzyme, a protease enzyme and deterative ingredients. Mannanase enzymes from Bacillus agaradherens and Bacillus subtilis strain 168, gene yght, as well as isolated polypeptides therefrom, are used to remove stains.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 51 OF 145 USPATFULL

ACCESSION NUMBER: 2002:81614 USPATFULL  
TITLE: Interleukin--1 Hy2 materials and methods  
INVENTOR(S): Ballinger, Dennis G., Menlo Park, CA, United States  
Pace, Ann M., Scotts Valley, CA, United States  
Lin, Hai Shan, Castro Valley, CA, United States  
PATENT ASSIGNEE(S): Hyseq, Inc., Sunnyvale, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6372892	B1	20020416
APPLICATION INFO.:	US 2000-522964		20000310 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1999-316086, filed on 20 May 1999, now patented, Pat. No. US 6175532		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Kunz, Gary L.		
ASSISTANT EXAMINER:	Seharaseyon, J.		
LEGAL REPRESENTATIVE:	Marshall, Gerstein, & Borun		
NUMBER OF CLAIMS:	1		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	4 Drawing Figure(s); 7 Drawing Page(s)		
LINE COUNT:	4690		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides novel nucleic acids encoding IL-1 Hy2, a novel member of the Interleukin-1 Receptor Antagonist family, the novel polypeptides encoded by these nucleic acids and uses of these and related products.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 52 OF 145 USPATFULL

ACCESSION NUMBER: 2002:81254 USPATFULL  
TITLE: Tissue plasminogen activator-like protease  
INVENTOR(S): Moore, Paul A., Germantown, MD, United States  
Ruben, Steven M., Olney, MD, United States  
Ebner, Reinhard, Gaithersburg, MD, United States  
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6372473	B1	20020416
APPLICATION INFO.:	US 1999-411977		19991004 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1998-84491, filed on 27 May 1998		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-48000P	19970528 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Slobodyansky, Elizabeth	

LEGAL REPRESENTATIVE: Human Genome Sciences, Inc.  
NUMBER OF CLAIMS: 77  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 8 Drawing Figure(s); 8 Drawing Page(s)  
LINE COUNT: 11319

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a novel t-PALP protein which is a member of the serine protease family. In particular, isolated nucleic acid molecules are provided encoding the human t-PALP protein. t-PALP polypeptides are also provided as are vectors, host cells and **recombinant** methods for producing the same. The invention further relates to screening methods for identifying agonists and antagonists of t-PALP activity. Also provided are diagnostic methods for detecting circulatory system-related disorders and therapeutic methods for treating circulatory system-related disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 53 OF 145 USPATFULL

ACCESSION NUMBER: 2002:70108 USPATFULL

TITLE: Polynucleotides encoding IL-1 Hy2 polypeptides

INVENTOR(S): Ballinger, Dennis G., Menlo, CA, United States  
Ford, John, San Mateo, CA, United States  
Ho, Alice Suk-Yue, Union City, CA, United States  
Lin, Hai Shan, Castro Valley, CA, United States  
Pace, Ann M., Scotts Valley, CA, United States

PATENT ASSIGNEE(S): Hyseq, Inc., Sunnyvale, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6365726	B1	20020402
APPLICATION INFO.:	US 2000-578458		20000522 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-522964, filed on 10 Mar 2000 Continuation-in-part of Ser. No. US 1999-316081, filed on 20 May 1999, now patented, Pat. No. US 6339141		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Stucker, Jeffrey		
ASSISTANT EXAMINER:	Seharaseyon, Jegatheesan		
LEGAL REPRESENTATIVE:	Marshall, Gerstein & Borun.		
NUMBER OF CLAIMS:	10		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	7 Drawing Figure(s); 7 Drawing Page(s)		
LINE COUNT:	4803		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides novel nucleic acids encoding IL-1 Hy2, a novel member of the Interleukin-1 Receptor Antagonist family, the novel polypeptides encoded by these nucleic acids and uses of these and related products.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 54 OF 145 USPATFULL

ACCESSION NUMBER: 2002:69791 USPATFULL

TITLE: Prostate specific secreted protein

INVENTOR(S): Endress, Gregory A., Potomac, MD, United States  
Rosen, Craig A., Laytonsville, MD, United States

PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6365369	B1	20020402

APPLICATION INFO.: US 1999-280839 19990330 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-80898P	19980407 (60)
	US 1998-80311P	19980401 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Caputa, Anthony C.	
ASSISTANT EXAMINER:	Harris, Alana M.	
LEGAL REPRESENTATIVE:	Human Genome Sciences, Inc.	
NUMBER OF CLAIMS:	9	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Figure(s); 3 Drawing Page(s)	
LINE COUNT:	5138	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a novel human protein called Prostate Specific Secreted Protein, and isolated polynucleotides encoding this protein. Also provided are vectors, host cells, antibodies, and **recombinant** methods for producing this human protein. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to this novel human protein.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 55 OF 145 USPATFULL  
ACCESSION NUMBER: 2002:51107 USPATFULL  
TITLE: Follistatin-related protein zfst2  
INVENTOR(S): Conklin, Darrell C., Seattle, WA, United States  
Ellsworth, Jeff L., Seattle, WA, United States  
PATENT ASSIGNEE(S): ZymoGenetics, Inc., Seattle, WA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6355788	B1	20020312
APPLICATION INFO.:	US 1999-412554		19991005 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-104431P	19981015 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Eyler, Yvonne	
ASSISTANT EXAMINER:	Andres, Janet L.	
LEGAL REPRESENTATIVE:	Lingenfelter, Susan E.	
NUMBER OF CLAIMS:	1	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	3352	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to polynucleotide and polypeptide molecules for zfst2, a novel member of the follistatin family. The polypeptides, and polynucleotides encoding them are useful for binding to members of the TGF- $\beta$  family and mediating central nervous system, reproductive, hematopoietic and bone-related activities. The present invention also includes antibodies to the zfst2 polypeptides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 56 OF 145 USPATFULL  
ACCESSION NUMBER: 2002:51101 USPATFULL  
TITLE: Hypohidrotic ectodermal dysplasia genes and proteins  
INVENTOR(S): Zonana, Jonathan, Portland, OR, United States

Ferguson, Betsy M., Portland, OR, United States  
 Headon, Denis, Houston, TX, United States  
 Overbeek, Paul, Houston, TX, United States  
 PATENT ASSIGNEE(S): Baylor College of Medicine, Houston, TX, United States  
 (U.S. corporation)  
 Oregon Health & Science University, Portland, OR,  
 United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6355782	B1	20020312
APPLICATION INFO.:	US 1999-342681		19990629 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-112366P	19981215 (60)
	US 1998-92279P	19980709 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Crouch, Deborah	
ASSISTANT EXAMINER:	Baker, Anne-Marie	
LEGAL REPRESENTATIVE:	Klarquist Sparkman, LLP	
NUMBER OF CLAIMS:	19	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	8 Drawing Figure(s); 8 Drawing Page(s)	
LINE COUNT:	5269	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The DNA and amino acid sequences are disclosed for the protein ligand  
 (EDA1-II) and receptors (dl and DL) involved in ectodermal dysplasia.  
 Also disclosed are variant DNA and amino acid sequences, and therapeutic  
 applications of the ligands and receptors.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 57 OF 145 USPATFULL  
 ACCESSION NUMBER: 2002:29404 USPATFULL  
 TITLE: Inhibitory or blocking agents of molecular generating  
 and/or inducing functions  
 INVENTOR(S): Koyoma, Shozo, 48-2, Oazasatoyamabe, Matsumoto-shi,  
 Nagano 390-02, JAPAN  
 Yamaguchi, Yoshihiro, Manjuzukashukusha 3, 7-4,  
 Arigasaki 3-chome, Matsumoto-shi, Nagano 390, JAPAN

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6346551	B1	20020212
APPLICATION INFO.:	US 1997-813842		19970307 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 1995-JP1783, filed on 9 Jul 1995, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1994-252660	19940909
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Padmanabhan, Sreeni	
LEGAL REPRESENTATIVE:	Kubovcik & Kubovcik	
NUMBER OF CLAIMS:	16	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	67 Drawing Figure(s); 38 Drawing Page(s)	
LINE COUNT:	4430	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An inhibitory or blocking agent of molecular generating and/or inducing  
 functions according to the formula: ##STR1##

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 58 OF 145 USPATFULL

ACCESSION NUMBER: 2002:19393 USPATFULL

TITLE: Secreted protein HLHFP03

INVENTOR(S): Rosen, Craig A., Laytonsville, MD, United States

Ruben, Steven M., Olney, MD, United States

Olsen, Henrik S., Gaithersburg, MD, United States

Ebner, Reinhard, Gaithersburg, MD, United States

PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6342581	B1	20020129
APPLICATION INFO.:	US 1999-227357		19990108 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 1998-US13684, filed on 7 Jul 1998		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-58785P	19970912 (60)
	US 1997-58664P	19970912 (60)
	US 1997-58660P	19970912 (60)
	US 1997-58661P	19970912 (60)
	US 1997-55722P	19970818 (60)
	US 1997-55723P	19970818 (60)
	US 1997-55948P	19970818 (60)
	US 1997-55949P	19970818 (60)
	US 1997-55953P	19970818 (60)
	US 1997-55950P	19970818 (60)
	US 1997-55947P	19970818 (60)
	US 1997-55964P	19970818 (60)
	US 1997-56360P	19970818 (60)
	US 1997-55684P	19970818 (60)
	US 1997-55984P	19970818 (60)
	US 1997-55954P	19970818 (60)
	US 1997-51926P	19970708 (60)
	US 1997-52793P	19970708 (60)
	US 1997-51925P	19970708 (60)
	US 1997-51929P	19970708 (60)
	US 1997-52803P	19970708 (60)
	US 1997-52732P	19970708 (60)
	US 1997-51931P	19970708 (60)
	US 1997-51932P	19970708 (60)
	US 1997-51916P	19970708 (60)
	US 1997-51930P	19970708 (60)
	US 1997-51918P	19970708 (60)
	US 1997-51920P	19970708 (60)
	US 1997-52733P	19970708 (60)
	US 1997-52795P	19970708 (60)
	US 1997-51919P	19970708 (60)
	US 1997-51928P	19970708 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: GRANTED

PRIMARY EXAMINER: Myers, Carla J.

ASSISTANT EXAMINER: Spiegler, Alexander H.

LEGAL REPRESENTATIVE: Human Genome Sciences, Inc.

NUMBER OF CLAIMS: 46

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)

LINE COUNT: 18742

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes



encoding such proteins. Also provided are vectors, host cells, antibodies, and **recombinant** methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 59 OF 145   USPATFULL  
ACCESSION NUMBER:       2002:9923   USPATFULL  
TITLE:                   Interleukin-1 Hy2 materials and methods  
INVENTOR(S):            Ballinger, Dennis G., Menlo Park, CA, United States  
                          Pace, Ann M., Scots Valley, CA, United States  
PATENT ASSIGNEE(S):     Hycey Inc., Sunnydale, CA, United States (U.S.  
                          corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6339141	B1	20020115
APPLICATION INFO.:	US 1999-316081		19990520 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Stucker, Jeffrey		
ASSISTANT EXAMINER:	Seharaseyon, Jegatheesan		
LEGAL REPRESENTATIVE:	Marshall, Gerstein, & Borun		
NUMBER OF CLAIMS:	4		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 2 Drawing Page(s)		
LINE COUNT:	4019		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB     The present invention provides novel nucleic acids encoding IL-1 Hy2, a novel member of the Interleukin-1 Receptor Antagonist family, the novel polypeptides encoded by these nucleic acids and uses of these and related products.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 60 OF 145   USPATFULL  
ACCESSION NUMBER:       2002:5759   USPATFULL  
TITLE:                   Interleukin-1 receptor antagonist and  
                          **recombinant** production thereof  
INVENTOR(S):            Ford, John, San Mateo, CA, United States  
                          Pace, Ann, Scotts Valley, CA, United States  
PATENT ASSIGNEE(S):     Hyseq, Inc., Sunnyvale, CA, United States (U.S.  
                          corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6337072	B1	20020108
APPLICATION INFO.:	US 1999-348942		19990707 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1999-287210, filed on 5 Apr 1999, now abandoned Continuation-in-part of Ser. No. US 1999-251370, filed on 17 Feb 1999, now abandoned Continuation-in-part of Ser. No. US 1999-229591, filed on 13 Jan 1999, now abandoned Continuation-in-part of Ser. No. US 1998-127698, filed on 31 Jul 1998, now abandoned Continuation of Ser. No. US 1998-99818, filed on 19 Jun 1998, now abandoned Continuation of Ser. No. US 1998-82364, filed on 20 May 1998, now abandoned Continuation-in-part of Ser. No. US 1998-79909, filed on 15 May 1998, now abandoned Continuation-in-part of Ser. No. US 1998-55010, filed on 3 Apr 1998, now abandoned		

NUMBER                   DATE

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PRIORITY INFORMATION: WO 1999-US4291 19990405  
DOCUMENT TYPE: Utility  
FILE SEGMENT: GRANTED  
PRIMARY EXAMINER: Spector, Lorraine  
LEGAL REPRESENTATIVE: Marshall, O'Toole, Gerstein, Murray & Borun  
NUMBER OF CLAIMS: 37  
EXEMPLARY CLAIM: 1,15  
NUMBER OF DRAWINGS: 4 Drawing Figure(s); 4 Drawing Page(s)  
LINE COUNT: 5025

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides novel nucleic acids, the novel polypeptide sequences encoded by these nucleic acids and uses thereof. These novel polynucleotide and polypeptide sequences were determined to be a novel Interleukin-1 Receptor Antagonist.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 61 OF 145 USPATFULL  
ACCESSION NUMBER: 2002:926 USPATFULL  
TITLE: Methods and materials relating to CD39-like polypeptides  
INVENTOR(S): Ford, John, San Mateo, CA, United States  
Mulero, Julio J., Palo Alto, CA, United States  
Yeung, George, Mountain View, CA, United States  
PATENT ASSIGNEE(S): Hyseq, Inc., Sunnyvale, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6335013	B1	20020101
APPLICATION INFO.:	US 2000-608285		20000630 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-583231, filed on 26 May 2000 Continuation-in-part of Ser. No. US 2000-557800, filed on 25 Apr 2000 Continuation-in-part of Ser. No. US 2000-481238, filed on 11 Jan 2000 Continuation-in-part of Ser. No. US 1999-370265, filed on 9 Aug 1999 Continuation-in-part of Ser. No. WO 1999-US16180, filed on 16 Jul 1999 Continuation-in-part of Ser. No. US 1999-350836, filed on 9 Jul 1999 Continuation-in-part of Ser. No. US 1999-273447, filed on 19 Mar 1999		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Saunders, David		
ASSISTANT EXAMINER:	DeCloux, Amy		
LEGAL REPRESENTATIVE:	Marshall, Gerstein & Borun		
NUMBER OF CLAIMS:	17		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	11 Drawing Figure(s); 11 Drawing Page(s)		
LINE COUNT:	4738		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides novel polynucleotides isolated from cDNA libraries of human fetal liver-spleen and macrophage as well as polypeptides encoded by these polynucleotides and mutants or variants thereof. The polypeptides correspond to a novel human CD39-like protein. Other aspects of the invention include vectors containing polynucleotides of the invention and related host cells as well as processes for producing novel CD39-like polypeptides, and antibodies specific for such polypeptides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 62 OF 145 EUROPATFULL COPYRIGHT 2002 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 1209233 EUROPATFULL EW 200222 FS OS  
 TITLE: Alkaline proteases.  
 Alkalische Proteasen.  
 Proteases alcalines.  
 INVENTOR(S): Hatada, Yuji, 1650-1, Minami 6-chome, Mihara-shi,  
 Hiroshima 723-0052, JP;  
 Ogawa, Akinori, Kao Corp., Res. Lab., 2606, Akabane,  
 Ichikaimachi, Haga-gun, Tochigi 321-3497, JP;  
 Kageyama, Yasushi, Kao Corp., Res. Lab., 2606, Akabane,  
 Ichikaimachi, Haga-gun, Tochigi 321-3497, JP;  
 Sato, Tsuyoshi, Kao Corp., Res. Lab., 2606, Akabane,  
 Ichikaimachi, Haga-gun, Tochigi 321-3497, JP;  
 Araki, Hiroyuki, Kao Corp., Res. Lab., 2606, Akabane,  
 Ichikaimachi, Haga-gun, Tochigi 321-3497, JP;  
 Sumitomo, Nobuyuki, Kao Corp., Res. Lab., 2606, Akabane,  
 Ichikaimachi, Haga-gun, Tochigi 321-3497, JP;  
 Okuda, Mitsuyoshi, Kao Corp., Res. Lab., 2606, Akabane,  
 Ichikaimachi, Haga-gun, Tochigi 321-3497, JP;  
 Saeki, Katsuhisa, Kao Corp., Res. Lab., 2606, Akabane,  
 Ichikaimachi, Haga-gun, Tochigi 321-3497, JP  
 PATENT ASSIGNEE(S): Kao Corporation, 14-10, Nihonbashi-Kayabacho 1-chome,  
 Chuo-ku, Tokyo 103-8210, JP  
 PATENT ASSIGNEE NO: 506785  
 AGENT: VOSSIUS & PARTNER, Siebertstrasse 4, 81675 Muenchen, DE  
 AGENT NUMBER: 100314  
 OTHER SOURCE: BEPA2002046 EP 1209233 A2 0025  
 SOURCE: Wila-EPZ-2002-H22-T1a  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch  
 DESIGNATED STATES: R AT; R BE; R CH; R CY; R DE; R DK; R ES; R FI; R FR; R  
 GB; R GR; R IE; R IT; R LI; R LU; R MC; R NL; R PT; R  
 SE; R TR; R AL; R LT; R LV; R MK; R RO; R SI  
 PATENT INFO.PUB.TYPE: EPA2 EUROPAEISCHE PATENTANMELDUNG  
 PATENT INFORMATION:

PATENT NO	KIND	DATE
EP 1209233	A2	20020529
		20020529
EP 2001-127851		20011122
JP 2000-2000355166		20001122
JP 2001-2001114048		20010412

'OFFENLEGUNGS' DATE:  
 APPLICATION INFO.:  
 PRIORITY APPLN. INFO.:

L192 ANSWER 63 OF 145 EUROPATFULL COPYRIGHT 2002 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 1174439 EUROPATFULL EW 200204 FS OS  
 TITLE: Compositions and methods for treating infections using  
 analogues of indolicidin.  
 Zusammensetzungen und Methoden zur Behandlung von  
 Infektionen unter Verwendung von Indolicidinanalogen.  
 Compositions et methodes pour traitement des infections,  
 utilisant des analogues d'indolicidine.  
 INVENTOR(S): Fraser, Janet Rhoda, 7660 Heather Street, Vancouver,  
 British Columbia V6P 3R1, CA;  
 West, Michael Hugh Patterson, 17810 Centreville Creek  
 Road, Caledon East, Ontario L0N 1E0, CA;  
 Krieger, Timothy Joseph, 121C South Madison Avenue,  
 Monrovia, California 91016, US;  
 Taylor, Robert Walter, 1476 Everall Street, White Rock,  
 British Columbia V4B 3S8, CA;  
 Erfle, Douglas John, Apartment 303, 1420 West 11th  
 Avenue, Vancouver, British Columbia V6H 1L2, CA

PATENT ASSIGNEE(S): Micrologix Biotech, Inc., 3650 Wesbrook Mall, Vancouver,  
British Columbia V6S 2L2, CA  
PATENT ASSIGNEE NO: 2496340  
AGENT: Gowshall, Jonathan Vallance, FORRESTER & BOEHMERT  
Pettenkoferstrasse 20-22, 80336 Muenchen, DE  
AGENT NUMBER: 61531  
OTHER SOURCE: BEPA2002009 EP 1174439 A2 0098  
SOURCE: Wila-EPZ-2002-H04-T1a  
DOCUMENT TYPE: Patent  
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch  
DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R ES; R FI; R FR; R GB; R  
GR; R IE; R IT; R LI; R LU; R MC; R NL; R PT; R SE  
PATENT INFO.PUB.TYPE: EPA2 EUROPÄISCHE PATENTANMELDUNG  
PATENT INFORMATION:

	PATENT NO	KIND DATE
	EP 1174439	A2 20020123
'OFFENLEGUNGS' DATE:		20020123
APPLICATION INFO.:	EP 2001-119148	19970821
PRIORITY APPLN. INFO.:	US 1996-24754	19960821
	US 1997-34949	19970113
RELATED DOC. INFO.:	EP 925308	DIV

L192 ANSWER 64 OF 145 EUROPATFULL COPYRIGHT 2002 WILA

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

ACCESSION NUMBER: 833843 EUROPATFULL EW 200201 FS PS  
TITLE: DEPIGMENTING ACTIVITY OF AGOUTI SIGNAL PROTEIN AND  
PEPTIDES THEREOF.  
DEPIGMENTIERENDE WIRKUNG VON AGOUTI-SIGNALPROTEIN UND  
DAVON ABGELEITETEN PEPTIDEN.  
ACTIVITE DE DEPIGMENTATION DE LA PROTEINE-SIGNAL  
D'AGOUTI ET SES PEPTIDES.  
INVENTOR(S): HEARING, Vincent, J., Jr., 2247 Regina Drive,  
Clarksburg, MD 20871, US  
PATENT ASSIGNEE(S): THE GOVERNMENT OF THE UNITED STATES OF AMERICA, as  
represented by THE SECRETARY OF THE DEPARTMENT OF HEALTH  
AND HUMAN SERVICES, c/o National Institutes of Health,  
Office of Technology Transfer, 6011 Executive Boulevard,  
Suite 325, Rockville, MD 20852-3804, US  
PATENT ASSIGNEE NO: 304191  
AGENT: Gruenecker, Kinkeldey, Stockmair & Schwanhaeusser  
Anwaltssozietät, Maximilianstrasse 58, 80538 Muenchen,  
DE  
AGENT NUMBER: 100721  
OTHER SOURCE: BEPB2002001 EP 0833843 B1 0051  
SOURCE: Wila-EPS-2002-H01-T1  
DOCUMENT TYPE: Patent  
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch  
DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R ES; R FI; R FR; R GB; R  
GR; R IE; R IT; R LI; R LU; R MC; R NL; R PT; R SE  
PATENT INFO.PUB.TYPE: EPB1 EUROPÄISCHE PATENTSCHRIFT (Internationale  
Anmeldung)  
PATENT INFORMATION:

	PATENT NO	KIND DATE
	EP 833843	B1 20020102
'OFFENLEGUNGS' DATE:		19980408
APPLICATION INFO.:	EP 1996-923379	19960621
PRIORITY APPLN. INFO.:	US 1995-600436	19950623
RELATED DOC. INFO.:	WO 96-US10695	960621 INTAKZ
	WO 9700892	970109 INTPNR
REF. NON-PATENT-LIT.:	J CELL SCI., vol. 108, no. 6, June 1995, CAMBRIDGE,	
	pages 2301-2309, XP000614781 T KOBAYASHI ET AL.:	

"Modulation of melanogenic protein expression during the switch from eu- to pheomelanogenesis" CELL, vol. 71, 24 December 1992, NA US, pages 1195-1204, XP002024341 S J BULTMAN ET AL.: "Molecular characterization of the mouse agouti locus" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, vol. 91, no. 21, October 1994, WASHINGTON US, pages 9760-9764, XP002024342 H Y KWON ET AL.: "Molecular structure and chromosomal mapping of the human homolog of the agouti gene " File Medline, abstract no. 95276734 (1995) & B D Wilson et al., "Structure and function of ASP, the human homolog of the mouse agouti gene", Human Molecular Genetics, 4 (2), pages 223-230 (February 1995) XP002024343 cited in the application File Medline, abstract no. 93194064 (1993) & M W Miller et al., "Cloning of the mouse agouti gene predicts a secreted protein ubiquitously expressed in mice carrying the lethal yellow mutation", Genes & Development 7 (3), pages 454-467 (March 1993) XP002024344 cited in the application

L192 ANSWER 65 OF 145 PCTFULL COPYRIGHT 2002 Univentio  
 ACCESSION NUMBER: 2002042775 PCTFULL ED 20020610 EW 200222  
 TITLE (ENGLISH): CLINICALLY INTELLIGENT DIAGNOSTIC DEVICES AND METHODS  
 TITLE (FRENCH): DISPOSITIFS ET PROCÉDES DE DIAGNOSTIC CLINIQUEMENT  
 INTELLIGENTS  
 INVENTOR(S): JACOBS, Alice, Anne; NIKOLIC, Boris; GUPTA, Vineet  
 PATENT ASSIGNEE(S): GENEVENTION L.L.C., for all designates States except  
 US; JACOBS, Alice, Anne, for US only; NIKOLIC, Boris,  
 for US only; GUPTA, Vineet, for US only  
 FASSE, Peter, J.  
 LANGUAGE OF PUBL.: English  
 LANGUAGE OF FILING: English  
 DOCUMENT TYPE: Patent  
 PATENT INFORMATION:

NUMBER	KIND	DATE
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DESIGNATED STATES:	WO 2002042775	A2 20020530
	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR	
	CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID	
	IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD	
	MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL	
	TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW	
	MZ SD SL SZ TZ UG ZM ZW AM AZ BY KG KZ MD RU TJ TM AT	
	BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR	
	BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG	
APPLICATION INFO.:	WO 2001-US44868	A 20011127
PRIORITY INFO.:	US 2000-60/253,284	20001127
	US 2001-60/287,994	20010501
	US 2001-60/308,870	20010730

ABEN The invention relates to the clinically intelligent design of diagnostic devices (such as microarrays) and methods of making and using such devices in differential diagnoses of specific clinical symptoms or sets of symptoms. In one aspect, the devices include various probes used to perform parallel screening of a number of analytes. The probes are clustered on the devices based on known clinical presentations of symptoms associated with specific diseases and disorders.

ABFR L'invention concerne la conception cliniquement intelligente de dispositifs de diagnostic (par exemple des jeux ordonnés de microéchantillons) et des procédés de fabrication et d'utilisation de tels dispositifs dans des diagnostics différentiels de symptômes cliniques spécifiques ou d'ensembles de symptômes. Dans un mode de réalisation, le dispositif comporte différentes sondes conçues pour effectuer un criblage parallèle d'un certain nombre d'analytes. Ces sondes sont groupées sur les dispositifs en fonction de présentations cliniques connues de symptômes associés à des maladies et troubles

specifiques.

L192 ANSWER 66 OF 145 PCTFULL COPYRIGHT 2002 Univentio  
ACCESSION NUMBER: 2002042425 PCTFULL ED 20020610 EW 200222  
TITLE (ENGLISH): ANTISENSE MODULATION OF MP-1 EXPRESSION  
TITLE (FRENCH): MODULATION ANTISENS DE L'EXPRESSION MP-1  
INVENTOR(S): WEBER, Michael, J.; WYATT, Jacqueline, R.; COWSERT,  
Lex, M.  
PATENT ASSIGNEE(S): ISIS PHARMACEUTICALS, INC., for all designates States  
except US; UNIVERSITY OF VIRGINIA PATENT FOUNDATION,  
for all designates States except US; WEBER, Michael,  
J., for US only; WYATT, Jacqueline, R., for US only;  
COWSERT, Lex, M., for US only  
LICATA, Jane, Massey  
LANGUAGE OF PUBL.: English  
LANGUAGE OF FILING: English  
DOCUMENT TYPE: Patent  
PATENT INFORMATION:

NUMBER	KIND	DATE
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WO 2002042425	A2	20020530
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DESIGNATED STATES: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID  
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD  
MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW  
MZ SD SL SZ TZ UG ZM ZW AM AZ BY KG KZ MD RU TJ TM AT  
BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

APPLICATION INFO.: WO 2001-US45178 A 20011120

PRIORITY INFO.: US 2000-09/721,822 20001122

ABEN Antisense compounds, compositions and methods are provided for  
modulating the expression of MP-1. The compositions comprise antisense  
compounds, particularly antisense oligonucleotides, targeted to nucleic  
acids encoding MP-1. Methods of using these compounds for modulation of  
MP-1 expression and for treatment of diseases associated with expression  
of MP-1 are provided.

ABFR L'invention concerne des composes antisens, des compositions et des  
procedes destines a moduler l'expression de MP-1. Les compositions  
renferment des composes antisens, en particulier des oligonucleotides,  
cibles sur des acides nucleiques codant MP-1. L'invention concerne en  
outre des procedes d'utilisation de ces composes en vue de la modulation  
de l'expression de MP-1 et du traitement de maladies associees a  
l'expression de MP-1.

L192 ANSWER 67 OF 145 PCTFULL COPYRIGHT 2002 Univentio  
ACCESSION NUMBER: 2002042420 PCTFULL ED 20020610 EW 200222  
TITLE (ENGLISH): MODULATION OF GENE EXPRESSION DURING INTIMAL  
HYPERPLASIA OF THE CAROTID ARTERY  
TITLE (FRENCH): MODULATION DE L'EXPRESSION DE GENES LORS DE  
L'HYPERPLASIE DE L'INTIMA DE L'ARTERE CAROTIDE  
INVENTOR(S): LEONARDI, Amedi; SARTANI, Abraham; GLASS, James, R.;  
HASEL, Karl, W.  
PATENT ASSIGNEE(S): DIGITAL GENE TECHNOLOGIES, INC., for all designates  
States except US; LEONARDI, Amedi, for US only;  
SARTANI, Abraham, for US only; GLASS, James, R., for US  
only; HASEL, Karl, W., for US only  
BERLINER, Brian, M.  
LANGUAGE OF PUBL.: English  
LANGUAGE OF FILING: English  
DOCUMENT TYPE: Patent  
PATENT INFORMATION:

NUMBER	KIND	DATE
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WO 2002042420	A2	20020530
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DESIGNATED STATES: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID  
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD  
MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW  
MZ SD SL SZ TZ UG ZM ZW AM AZ BY KG KZ MD RU TJ TM AT  
BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

APPLICATION INFO.: WO 2001-US44072 A 20011121  
PRIORITY INFO.: US 2000-60/252,216 20001121

ABEN Polynucleotides, polypeptides, kits and methods are provided related to regulated genes characteristic of atherosclerosis.

ABFR L'invention porte sur des polynucleotides, des polypeptides, des troussees et des procedes relatifs a des genes regules caracteristiques de l'atherosclerose.

L192 ANSWER 68 OF 145 PCTFULL COPYRIGHT 2002 Univentio  
ACCESSION NUMBER: 2002040997 PCTFULL ED 20020610 EW 200221  
TITLE (ENGLISH): PROTEINS PRODUCING AN ALTERED IMMUNOGENIC RESPONSE AND METHODS OF MAKING AND USING THE SAME  
TITLE (FRENCH): PROTEINES PRODUISANT UNE REPONSE IMMUNOGENE MODIFIEE ET PROCEDES DE FABRICATION ET D'UTILISATION DE CES PROTEINES  
INVENTOR(S): ESTELL, David, A.; HARDING, Fiona, A.  
PATENT ASSIGNEE(S): GENENCOR INTERNATIONAL, INC., for all designates States except US; ESTELL, David, A., for US only; HARDING, Fiona, A., for US only  
STONE, Christopher, L.

LANGUAGE OF PUBL.: English  
LANGUAGE OF FILING: English  
DOCUMENT TYPE: Patent  
PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2002040997	A2	20020523

DESIGNATED STATES: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID  
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD  
MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS  
MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT  
BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

APPLICATION INFO.: WO 2001-US30062 A 20010926  
PRIORITY INFO.: US 2000-09/677,822 20001002  
US 2001-09/768,080 20010123

ABEN The present invention relates to a novel methods and compositions for producing hyper and hypo allergenic compositions. Specifically, the present invention comprises neutralizing or reducing the ability of T-cells to recognize epitopes and thus prevent sensitization of an individual to the protein. Alternatively, T-cell epitopes are mutated to produce increased immunogenic reactions.

ABFR L'invention concerne de nouveaux procedes et compositions permettant de produire des compositions hyperallergeniques et hypoallergeniques. Plus precisement, l'invention consiste a neutraliser ou a reduire le pouvoir des lymphocytes T a reconnaitre des epitopes et, par consequent, a empecher la sensibilisation d'un individu a la proteine. Dans un autre mode de realisation, les epitopes de lymphocytes T sont modifies afin de produire des reactions immunogenes plus importantes.

L192 ANSWER 69 OF 145 PCTFULL COPYRIGHT 2002 Univentio  
ACCESSION NUMBER: 2002040654 PCTFULL ED 20020610 EW 200221  
TITLE (ENGLISH): POLYNUCLEOTIDE ENCODING A NOVEL HUMAN SERPIN SECRETED FROM LYMPHOID CELLS LSI-01  
TITLE (FRENCH): POLYNUCLEOTIDE CODANT POUR UNE NOUVELLE SERPINE HUMAINE

INVENTOR(S): (LSI-01) SECRETEE A PARTIR DES CELLULES LYMPHOIDES  
CHEN, Jian; FEDER, John, N.; NELSON, Thomas; SEILER,  
Steven; BASSOLINO, Donna, A; CHENEY, Daniel, L.;  
DUCLOS, Frank

PATENT ASSIGNEE(S): BRISTOL-MYERS SQUIBB COMPANY, for all designates States  
except US; CHEN, Jian, for US only; FEDER, John, N.,  
for US only; NELSON, Thomas, for US only; SEILER,  
Steven, for US only; BASSOLINO, Donna, A, for US only;  
CHENEY, Daniel, L., for US only; DUCLOS, Frank, for US  
only  
BRISTOL-MYERS SQUIBB COMPANY

LANGUAGE OF PUBL.: English  
LANGUAGE OF FILING: English  
DOCUMENT TYPE: Patent  
PATENT INFORMATION:

NUMBER	KIND	DATE
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DESIGNATED STATES:	WO 2002040654	A2 20020523
	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR	
	CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID	
	IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD	
	MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK	
	SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS	
	MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT	
	BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR	
	BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG	
APPLICATION INFO.:	WO 2001-US43965	A 20011114
PRIORITY INFO.:	US 2000-60/248,434	20001114
	US 2000-60/257,610	20001221
	US 2001-60/282,745	20010410

ABEN The present invention provides novel polynucleotides encoding LSI-01 polypeptides, fragments and homologues thereof. Also provided are vectors, host cells, antibodies, and **recombinant** and synthetic methods for producing said polypeptides. The invention further relates to diagnostic and therapeutic methods for applying these novel LSI-01 polypeptides to the diagnosis, treatment, and/or prevention of various diseases and/or disorders related to these polypeptides. The invention further relates to screening methods for identifying agonists and antagonists of the polynucleotides and polypeptides of the present invention.

ABFR La presente invention concerne des nouveaux polynucleotides codant pour des polypeptides LSI-01, des fragments et des homologues desdits polypeptides. L'invention concerne egalement des vecteurs, des cellules hotes, des anticorps et des methodes de recombinaison et des methodes synthetiques destinees a la production de ces polypeptides. Ladite invention se rapporte en outre a des methodes diagnostiques et therapeutiques permettant d'appliquer ces nouveaux polypeptides LSI-01 au diagnostic, au traitement et/ou a la prevention de maladies et/ou de troubles divers associes auxdits polypeptides. Elle porte enfin sur des methodes de criblage destinees a identifier des agonistes et des antagonistes des polynucleotides et des polypeptides susmentionnes.

L192 ANSWER 70 OF 145 PCTFULL COPYRIGHT 2002 Univentio

ACCESSION NUMBER: 2002038759 PCTFULL ED 20020606 EW 200220

TITLE (ENGLISH): NEW METHOD

TITLE (FRENCH): PROCEDE

INVENTOR(S): GUSTAFSSON, Claes; LARSSON, Nils-Goeran

PATENT ASSIGNEE(S): MITOTECH AB, for all designates States except US;  
GUSTAFSSON, Claes, for US only; LARSSON, Nils-Goeran,  
for US only  
BERGSTRAND, Mikael

LANGUAGE OF PUBL.: English  
LANGUAGE OF FILING: English  
DOCUMENT TYPE: Patent  
PATENT INFORMATION:



	NUMBER	KIND	DATE
	WO 2002038759	A2	20020516
DESIGNATED STATES:	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG		
APPLICATION INFO.:	WO 2001-SE2501	A	20011112
PRIORITY INFO.:	SE 2000-0004127-7		20001110
	US 2000-60/248,567		20001116
ABEN	<p>Apoptosis can be induced in a mammalian cell by administering a substance capable of impairing mammalian mitochondrial DNA gene expression to said cell in such an amount that apoptosis is induced. Certain antisense nucleic acid molecules specifically binding to nucleic acid molecules encoding proteins affecting mitochondrial gene expression are preferably used. The invention also provides novel such antisense nucleic acid molecules and pharmaceutical compositions containing the novel compounds. The invention also describes the use of an in vitro assay consisting of TFAM, TFB1M, TFB2M, mtrNAP and a mtDNA promoter fragment, to identify substances that inhibit or stimulate mtDNA transcription.</p>		
ABFR	<p>Selon l'invention, il est possible d'induire l'apoptose dans une cellule de mammifere par administration d'une substance, pouvant empecher l'expression genique de l'ADN mitochondrial de la cellule de mammifere, en une quantite telle que l'apoptose est induite. On utilise de preference certaines molecules d'acide nucleique antisens qui se lient specifiquement a des molecules d'acide nucleique codant pour les proteines affectant l'expression genique mitochondriale. L'invention concerne aussi des molecules d'acide nucleique antisens ainsi que des compositions pharmaceutiques contenant ces composes. L'invention concerne enfin l'utilisation de test <i>in vitro</i>, comprenant les facteurs TFAM, TFB1M, TFB2M, RNAPmt et un segment promoteur d'ADNmt, destine a l'identification de substances qui inhibent ou stimulent la transcription d'ADNmt.</p>		
L192	ANSWER 71 OF 145 PCTFULL COPYRIGHT 2002 Univentio		
ACCESSION NUMBER:	2002033085	PCTFULL	ED 20020515 EW 200217
TITLE (ENGLISH):	METHODS OF TREATMENT USING WISP POLYPEPTIDES		
TITLE (FRENCH):	TECHNIQUES DE TRAITEMENT UTILISANT DES POLYPEPTIDES WISP		
INVENTOR(S):	DESNOYER, Luc; FILVAROFF, Ellen, H.; PENNICA, Diane		
PATENT ASSIGNEE(S):	GENENTECH, INC., for all designates States except US; DESNOYER, Luc, for US only; FILVAROFF, Ellen, H., for US only; PENNICA, Diane, for US only MARSCHANG, Diane ,L.		
LANGUAGE OF PUBL.:	English		
LANGUAGE OF FILING:	English		
DOCUMENT TYPE:	Patent		
PATENT INFORMATION:			
	NUMBER	KIND	DATE
	WO 2002033085	A2	20020425
DESIGNATED STATES:	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG		
APPLICATION INFO.:	WO 2001-US32142	A	20011012

PRIORITY INFO.: US 2000-60/241,222 20001016

ABEN The present invention relates to methods for the treatment and repair of cartilage, including cartilage damaged by injury or degenerative cartilagenous disorders, including arthritis, comprising the administration of WISP polypeptide. Optionally, the administration may be in combination with one or more cartilage agents (e.g., peptide growth factor, catabolism antagonist, osteo-, synovial, anti-inflammatory factor). Alternatively, the method provides for the treatment and repair of cartilage damaged by injury or degenerative cartilagenous disorders comprising the administration of WISP polypeptide in combination with standard surgical techniques. Alternatively, the method provides for the treatment and repair of cartilage damaged by injury or degenerative cartilagenous disorders comprising the administration of chondrocytes previously treated with an effective amount of WISP polypeptide.

ABFR La presente invention concerne des techniques de traitement et de reparation de cartilage, notamment les cartilage abimes par lesion ou les cartilaginopathies degeneratives, y compris l'arthrite. Ces techniques consistent a administrer des polypeptides WISP. Cette administration peut etre, eventuellement, associee a celle d'un ou de plusieurs agents de cartilage (par exemple un facteur de croissance peptidique, un antagoniste du catabolisme, un facteur osseux, synovial, anti-inflammatoire). Dans une autre formule, cette invention concerne des techniques de traitement et de reparation de cartilage abime par lesion ou de cartilaginopathies degeneratives qui consistent en une administration de polypeptides WISP associee a des techniques chirurgicales standard. Dans une autre formule encore, cette invention concerne des techniques de traitement et de reparation de cartilage abime par lesion ou de cartilaginopathies degeneratives qui consistent en une administration de chondrocytes prealablement traites avec une quantite efficace de polypeptide WISP.

L192 ANSWER 72 OF 145 PCTFULL COPYRIGHT 2002 Univentio

ACCESSION NUMBER: 2002031111 PCTFULL ED 20020515 EW 200216

TITLE (ENGLISH): NOVEL NUCLEIC ACIDS AND POLYPEPTIDES

TITLE (FRENCH): ACIDES NUCLEIQUES ET POLYPEPTIDES

INVENTOR(S): TANG, Y. Tom; LIU, Chenghua; ZHOU, Ping; ASUNDI, Vinod; ZHANG, Jie; ZHAO, Qing, A.; REN, Feiyan; XUE, Aidong, J.; YANG, Yonghong; WEHRMAN, Tom; DRMANAC, Radoje, T.  
PATENT ASSIGNEE(S): HYSEQ, INC., for all designates States except US; TANG, Y. Tom, for US only; LIU, Chenghua, for US only; ZHOU, Ping, for US only; ASUNDI, Vinod, for US only; ZHANG, Jie, for US only; ZHAO, Qing, A., for US only; REN, Feiyan, for US only; XUE, Aidong, J., for US only; YANG, Yonghong, for US only; WEHRMAN, Tom, for US only; DRMANAC, Radoje, T., for US only  
ELRIFI, Ivor, R.

LANGUAGE OF PUBL.: English

LANGUAGE OF FILING: English

DOCUMENT TYPE: Patent

PATENT INFORMATION:

NUMBER . KIND DATE

WO 2002031111 A2 20020418

DESIGNATED STATES: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

APPLICATION INFO.: WO 2001-US27760 A 20011011

PRIORITY INFO.: US 2000-09/687,527 20001012

ABEN The present invention provides novel nucleic acids, novel polypeptide

sequences encoded by these nucleic acids and uses thereof.  
ABFR L'invention concerne des acides nucleiques, des sequences de  
polypeptides codees par ces acides nucleiques, et leur utilisation.

L192 ANSWER 73 OF 145 USPATFULL  
ACCESSION NUMBER: 2001:237955 USPATFULL  
TITLE: Chimeric polypeptides of **serum albumin** and uses related thereto  
INVENTOR(S): Gyuris, Jenó, Winchester, MA, United States  
Lamphere, Lou, Newton, MA, United States

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001056075	A1	20011227
APPLICATION INFO.:	US 2001-764918	A1	20010118 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-619285, filed on 19 Jul 2000, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-144534P	19990719 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	ROPES & GRAY, ONE INTERNATIONAL PLACE, BOSTON, MA, 02110-2624	
NUMBER OF CLAIMS:	53	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	16 Drawing Page(s)	
LINE COUNT:	1900	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to chimeric polypeptides in which a **serum albumin** protein has been altered to include one or more biologically active heterologous peptide sequences. The chimeric polypeptides may exhibit therapeutic activity related to the heterologous peptide sequences coupled with the improved serum half-lives derived from the **serum albumin** protein fragments. Heterologous peptide sequences maybe chosen to promote any biological effect, including angiogenesis inhibition, antitumor activity, and induction of apoptosis. The therapeutic effect may be achieved by direct administration of the chimeric polypeptide, or by transfecting cells with a vector including a nucleic acid encoding such a chimeric polypeptide.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 74 OF 145 USPATFULL  
ACCESSION NUMBER: 2001:229235 USPATFULL  
TITLE: METHOD FOR USING SOLUBLE CURCUMIN TO INHIBIT PHOSPHORYLASE KINASE IN INFLAMMATORY DISEASES  
INVENTOR(S): HENG, MADALENE C.Y., NORTHRIDGE, CA, United States

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001051184	A1	20011213
APPLICATION INFO.:	US 1999-315856	A1	19990520 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	ATTN: DAVID A. FARAH. M.D., SHELDON & MAK, 225 SOUTH LAKE AVENUE, SUITE 900, PASADENA, CA, 91101		
NUMBER OF CLAIMS:	115		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	13 Drawing Page(s)		
LINE COUNT:	4191		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The compound curcumin, derived from turmeric, inhibits phosphorylase

kinase and, by doing so, exhibits a number of physiological effects related to the control of inflammation and cellular proliferation. However, curcumin is effective only when in solution. Curcumin is almost completely insoluble in water or in oils, but is soluble in alcohols. Accordingly, a method for treating inflammation in a mammal comprising administering curcumin in a solution containing at least one alcohol to a mammal to detectably inhibit the activity of phosphorylase kinase in the blood of the mammal or in a tissue of the mammal. The alcohol is preferably ethanol, 1-propanol, or 2-propanol; most preferably, it is ethanol. Instead of curcumin, a curcumin derivative or curcuminoid can be administered. The method can further comprise the administration of at least one additional compound that can be (1) vitamin D.sub.3 and vitamin D.sub.3 analogues; (2) vitamin A, vitamin A derivatives, and vitamin A analogues (3) a calmodulin inhibitor; (4) an anti-inflammatory drug; (5) a calcium channel blocker; (6) a H1 or H2 histamine blocker; (7) an antioxidant; (8) a polyphenolic compound; (9) a monoterpene; (10) genistein; (11) a soybean derived lectin; and (12) dehydrozingerone. Another aspect of the present invention is a pharmaceutical composition comprising curcumin, a curcuminoid, or a curcumin derivative in a solution containing at least one alcohol, at least one additional compound as described above, and a pharmaceutically acceptable carrier.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 75 OF 145    USPATFULL  
 ACCESSION NUMBER:        2001:211923    USPATFULL  
 TITLE:                    Method for administering a cytokine to the central  
                              nervous system and the lymphatic system  
 INVENTOR(S):             Frey, William H., II, North Oaks, MN, United States  
 PATENT ASSIGNEE(S):      Chiron Corporation (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001043915	A1	20011122
APPLICATION INFO.:	US 2000-733168	A1	20001208 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-200708P	19991209 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Joseph H. Guth, Esq., Corporate Patent Counsel, CHIRON CORPORATION, P.O. Box 8097, Emeryville, CA, 94662-8097	
NUMBER OF CLAIMS:	60	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Page(s)	
LINE COUNT:	2997	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB    The present invention is directed to a method for delivering cytokines to the central nervous system and the lymphatic system by way of a tissue innervated by the trigeminal nerve and/or olfactory nerve. Cytokines include tumor necrosis factors, interleukins, interferons, particularly interferon-.beta. and its muteins such as IFN-.beta..sub.ser17. Such a method of delivery can be useful in the treatment of central nervous system disorders, brain disorders, proliferative, viral, and/or autoimmune disorders such as Sjogren's disorder.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 76 OF 145    USPATFULL  
 ACCESSION NUMBER:        2001:160802    USPATFULL  
 TITLE:                    Interleukins-21 and 22  
 INVENTOR(S):             Ebner, Reinhard, Gaithersburg, MD, United States  
                              Ruben, Steven M., Olney, MD, United States

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001023070	A1	20010920
APPLICATION INFO.:	US 2000-731816	A1	20001208 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1999-320713, filed on 27 May 1999, PENDING Continuation-in-part of Ser. No. WO 1999-US11644, filed on 27 May 1999, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-87340P	19980529 (60)
	US 1999-131965P	19990430 (60)
	US 1999-169837P	19991209 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	49	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	13 Drawing Page(s)	
LINE COUNT:	7740	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
AB	The present invention relates to novel human proteins designated Interleukin-21 (IL-21) and Interleukin-22 (IL-22), and isolated polynucleotides encoding these proteins. Also provided are vectors, host cells, antibodies, and <b>recombinant</b> methods for producing these human proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, and/or preventing disorders related to these novel human proteins.	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 77 OF 145    USPATFULL

ACCESSION NUMBER:    2001:155766    USPATFULL

TITLE:    49 human secreted proteins

INVENTOR(S):    Moore, Paul A., Germantown, MD, United States  
 Ruben, Steven M., Oley, MD, United States  
 Olsen, Henrik S., Gaithersburg, MD, United States  
 Shi, Yanggu, Gaithersburg, MD, United States  
 Rosen, Craig A., Laytonsville, MD, United States  
 Florence, Kimberly A., Rockville, MD, United States  
 Soppet, Daniel R., Centreville, VA, United States  
 Lafleur, David W., Washington, DC, United States  
 Endress, Gregory A., Potomac, MD, United States  
 Ebner, Reinhard, Gaithersburg, MD, United States  
 Komatsoulis, George, Silver Spring, MD, United States  
 Duan, Roxanne D., Bethesda, MD, United States

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001021700	A1	20010913
APPLICATION INFO.:	US 2000-739254	A1	20001219 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2000-511554, filed on 23 Feb 2000, ABANDONED Continuation-in-part of Ser. No. WO 1999-US19330, filed on 24 Aug 1999, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-97917P	19980825 (60)
	US 1998-98634P	19980831 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	

NUMBER OF CLAIMS: 23  
EXEMPLARY CLAIM: 1  
LINE COUNT: 15462

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and **recombinant** methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 78 OF 145 USPATFULL  
ACCESSION NUMBER: 2001:155577 USPATFULL  
TITLE: METHODS OF DIAGNOSING RENAL SALT WASTING SYNDROME AND ALZHEIMER'S DISEASE AND METHODS OF TREATING THE SAME  
INVENTOR(S): MAESAKA, JOHN K., NEW YORK, NY, United States

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001021508	A1	20010913
APPLICATION INFO.:	US 1998-96335	A1	19980611 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	OSTROLENK FABER GERB & SOFFEN, 1180 AVENUE OF THE AMERICAS, NEW YORK, NY, 100368403		
NUMBER OF CLAIMS:	29		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	6 Drawing Page(s)		
LINE COUNT:	1355		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A method is described to diagnose (1) renal salt wasting syndrome and (2) Alzheimer's disease among dementia patients by measuring a patient's level of prostaglandin D.sub.2 synthase. Methods are also described to (1) treat renal salt wasting syndrome, (2) inhibit the rate of apoptosis or (3) prevent the onset of, or slow the rate of, progression of Alzheimer's disease. These methods involve inhibiting the rate of -.DELTA..sup.12prostaglandin J.sub.2 synthesis or by inhibiting the activity of -.DELTA..sup.12prostaglandin J.sub.2.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 79 OF 145 USPATFULL  
ACCESSION NUMBER: 2001:139604 USPATFULL  
TITLE: 29 human secreted proteins  
INVENTOR(S): Ruben, Steven M., Olney, MD, United States  
Rosen, Craig A., Laytonsville, MD, United States  
Fan, Ping, Gaithersburg, MD, United States  
Kyaw, Hla, Frederick, MD, United States  
Wei, Ying-Fei, Berkeley, CA, United States

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001016647	A1	20010823
APPLICATION INFO.:	US 2000-729835	A1	20001206 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1999-257179, filed on 25 Feb 1999, PENDING Continuation-in-part of Ser. No. WO 1998-US17709, filed on 27 Aug 1998, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-56270P	19970829 (60)

US 1997-56271P 19970829 (60)  
US 1997-56247P 19970829 (60)  
US 1997-56073P 19970829 (60)

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,  
ROCKVILLE, MD, 20850  
NUMBER OF CLAIMS: 23  
EXEMPLARY CLAIM: 1  
LINE COUNT: 6098

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and **recombinant** methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 80 OF 145 USPATFULL  
ACCESSION NUMBER: 2001:139603 USPATFULL  
TITLE: OSTEOGENIC DEVICES AND METHODS OF USE THEREOF FOR  
REPAIR OF ENDOCHONDRAL BONE, OSTEOCHONDRAL AND CHONDRAL  
DEFECTS  
INVENTOR(S): RUEGER, DAVID C., SOUTHBOROUGH, MA, United States  
TUCKER, MARJORIE A., HOLLISTON, MA, United States  
CHANG, AN-CHENG, WESTBOROUGH, MA, United States

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001016646	A1	20010823
APPLICATION INFO.:	US 1998-45331	A1	19980320 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	PATENT ADMINISTATOR, TESTA HURWITZ & THIBEAULT, LLP, HIGH STREET TOWER, 125 HIGH STREET, BOSTON, MA, 02110		
NUMBER OF CLAIMS:	49		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	2 Drawing Page(s)		
LINE COUNT:	5269		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed herein are improved osteogenic devices and methods of use thereof for repair of bone and cartilage defects. The devices and methods promote accelerated formation of repair tissue with enhanced stability using less osteogenic protein than devices in the art. Defects susceptible to repair with the instant invention include, but are not limited to: critical size defects, non-critical size defects, non-union fractures, fractures, osteochondral defects, subchondral defects, and defects resulting from degenerative diseases such as osteochondritis dessicans.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 81 OF 145 USPATFULL  
ACCESSION NUMBER: 2001:139293 USPATFULL  
TITLE: Fibroblast growth factor receptor-5  
INVENTOR(S): Young, Paul E., Gaithersburg, MD, United States  
Ruben, Steven M., Olney, MD, United States

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001016335	A1	20010823
APPLICATION INFO.:	US 2001-758386	A1	20010112 (9)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1999-293182, filed on 16  
Apr 1999, ABANDONED

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-105465P	19981023 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	23	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	10 Drawing Page(s)	
LINE COUNT:	6097	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to fibroblast growth factor receptor-5, a novel member of the fibroblast growth factor receptor family. The invention provides isolated nucleic acid molecules encoding human FGFR5 receptors. FGFR5 polypeptides are also provided, as are vectors, host cells and **recombinant** methods for producing the same. The invention further relates to screening methods for identifying agonists and antagonists of FGFR5 receptor activity. Also provided are diagnostic methods for detecting disease states related to the aberrant expression of FGFR5 receptors. Further provided are therapeutic methods for treating disease states including, but not limited to, defects in wound healing, mucositis, defects in angiogenesis, ischemia, host defense dysfunction, endocrine dysfunction, disorders in immune function, and/or disorders in insulin secretion.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 82 OF 145 USPATFULL  
ACCESSION NUMBER: 2001:134213 USPATFULL  
TITLE: IMPROVED OSTEOGENIC DEVICES AND METHODS OF USE THEREOF  
FOR REPAIR OF ENDOCHONDRAL BONE AND OSTEOCHONDRAL  
DEFECTS  
INVENTOR(S): RUEGER, DAVID C, SOUTHBOROUGH, MA, United States  
TUCKER, MARJORIE A, HOLLISTON, MA, United States

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001014662	A1	20010816
APPLICATION INFO.:	US 1997-822186	A1	19970320 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	JAMES F. HALEY, FISH & NEAVE, 1251 AVENUE OF THE AMERICAS, NEW YORK, NY, 100201104		
NUMBER OF CLAIMS:	34		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	2 Drawing Page(s)		
LINE COUNT:	4425		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed herein are improved osteogenic devices and methods of use thereof for repair of bone and cartilage defects. The devices and methods promote accelerated formation of repair tissue with enhanced stability using less osteogenic protein than devices in the art. Defects susceptible to repair with the instant invention include, but are not limited to: critical size defects, non-critical size defects, non-union fractures, fractures, osteochondral defects, subchondral defects, and defects resulting from degenerative diseases such as osteochondritis dessicans.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 83 OF 145 USPATFULL



ACCESSION NUMBER: 2001:128901 USPATFULL  
 TITLE: 36 human secreted proteins  
 INVENTOR(S): LaFleur, David W., Washington, DC, United States  
 Soppet, Daniel R., Centreville, VA, United States  
 Olsen, Henrik, Gaithersburg, MD, United States  
 Ruben, Steven M., Olney, MD, United States  
 Ni, Jian, Rockville, MD, United States  
 Rosen, Craig A., Laytonsville, MD, United States  
 Brewer, Laurie A., St. Paul, MN, United States  
 Duan, Roxanne, Bethesda, MD, United States  
 Ebner, Reinhard, Gaithersburg, MD, United States

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001012889	A1	20010809
APPLICATION INFO.:	US 2000-739907	A1	20001220 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1999-348457, filed on 7 Jul 1999, ABANDONED Continuation-in-part of Ser. No. WO 1999-US108, filed on 6 Jan 1999, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-70704P	19980107 (60)
	US 1998-70658P	19980107 (60)
	US 1998-70692P	19980107 (60)
	US 1998-70657P	19980107 (60)

DOCUMENT TYPE: Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 23

EXEMPLARY CLAIM: 1

LINE COUNT: 10341

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to 36 novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and **recombinant** methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 84 OF 145 USPATFULL

ACCESSION NUMBER: 2001:123426 USPATFULL  
 TITLE: PROSTATE DERIVED ETS FACTOR  
 INVENTOR(S): LIBERMANN, TOWIA ARON, NEWTON, MA, United States  
 OETTGEN, JOERG PETER, BROOKLINE, MA, United States  
 KUNSCH, CHARLES A., NORCROSS, GA, United States  
 ENDRESS, GREGORY A., POTOMAC, MD, United States  
 ROSEN, CRAIG A., LAYTONSVILLE, MD, United States

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001010934	A1	20010802
APPLICATION INFO.:	US 1998-126945	A1	19980731 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	STERNE KESSLER GOLDSTEIN AND FOX, SUITE 600, 1100 NEW YORK AVENUE N W, WASHINGTON, DC, 200053934		
NUMBER OF CLAIMS:	23		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	10 Drawing Page(s)		
LINE COUNT:	4218		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a novel human protein called Prostate Derived Ets Factor, and isolated polynucleotides encoding this protein. Also provided are vectors, host cells, antibodies, and **recombinant** methods for producing this human protein. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to this novel human protein.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 85 OF 145 USPATFULL

ACCESSION NUMBER: 2001:105045 USPATFULL

TITLE: **RECOMBINANT HAIR TREATMENT**  
COMPOSITIONS

INVENTOR(S): ENSLEY, BURT D., NEWTOWN, PA, United States

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001006664	A1	20010705
APPLICATION INFO.:	US 1998-174186	A1	19981016 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	AMY F LEWIS, CHOATE HALL AND STEWART, EXCHANGE PLACE, 53 STATE STREET, BOSTON, MA, 021092891		
NUMBER OF CLAIMS:	31		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1797		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A **hair** treatment composition including a non naturally-occurring keratin protein in combination with a **hair** treatment formula is described. The protein is preferably of human origin and has not been previously cross-linked. The protein is most preferably selected from the group of soluble keratin proteins found in human **hair**. Preferably, the composition contains one, preferably at least two allelic variants of the protein, most preferably in substantially the same ratio at which they are found in **hair** of a selected individual. The individual may be selected, for example, on the basis of having appealing **hair**, of being the future user of the **hair** treatment composition of other reasons.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 86 OF 145 USPATFULL

ACCESSION NUMBER: 2001:235114 USPATFULL

TITLE: Human glycosylation enzymes

INVENTOR(S): Coleman, Timothy A., Gaithersburg, MD, United States  
Betenbaugh, Michael J., Baltimore, MD, United States

PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)  
Johns Hopkins University, Baltimore, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6333182	B1	20011225
APPLICATION INFO.:	US 2000-516143		20000301 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-122409P	19990302 (60)
	US 1999-122582P	19990302 (60)
	US 1999-169624P	19991208 (60)
	US 1999-169624P	19991208 (60)
DOCUMENT TYPE:	Utility	

FILE SEGMENT: GRANTED  
PRIMARY EXAMINER: Prouty, Rebecca E.  
ASSISTANT EXAMINER: Monshipouri, M.  
LEGAL REPRESENTATIVE: Human Genome Sciences, Inc.  
NUMBER OF CLAIMS: 120  
EXEMPLARY CLAIM: 1  
LINE COUNT: 4502

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human glycosylation enzyme polypeptides and isolated nucleic acids containing the coding regions of the genes encoding such polypeptides. Also provided are vectors, host cells, antibodies, and **recombinant** methods for producing human glycosylation enzyme polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human glycosylation enzyme polypeptides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 87 OF 145 USPATFULL

ACCESSION NUMBER: 2001:163320 USPATFULL  
TITLE: Anti-interleukin-1 receptor antagonist antibodies and uses thereof  
INVENTOR(S): Ford, John, San Mateo, CA, United States  
Pace, Ann, Scotts Valley, CA, United States  
PATENT ASSIGNEE(S): Hyseq, Inc., Sunnyvale, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6294655	B1	20010925
APPLICATION INFO.:	US 1999-417455		19991013 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1999-348942, filed on 7 Jul 1999 Continuation of Ser. No. US 1999-287210, filed on 5 Apr 1999, now abandoned Continuation-in-part of Ser. No. US 1999-251370, filed on 17 Feb 1999, now abandoned Continuation-in-part of Ser. No. US 1998-127698, filed on 31 Jul 1998, now abandoned Continuation-in-part of Ser. No. US 1999-229591, filed on 13 Jan 1999, now abandoned Continuation of Ser. No. US 1998-99818, filed on 19 Jun 1998, now abandoned , said Ser. No. US 127698 Continuation-in-part of Ser. No. US 1998-82364, filed on 20 May 1998, now abandoned , said Ser. No. US 99818 Continuation-in-part of Ser. No. US 1998-82364, filed on 20 May 1998, now abandoned Continuation-in-part of Ser. No. US 1998-79909, filed on 15 May 1998, now abandoned Continuation-in-part of Ser. No. US 1998-55010, filed on 3 Apr 1998, now abandoned		

DOCUMENT TYPE: Utility  
FILE SEGMENT: GRANTED  
PRIMARY EXAMINER: Spector, Lorraine  
LEGAL REPRESENTATIVE: Marshall, O'Toole Gerstein, Murray & Borun  
NUMBER OF CLAIMS: 14  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 15 Drawing Figure(s); 14 Drawing Page(s)  
LINE COUNT: 4656

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides novel nucleic acids, the novel polypeptide sequences encoded by these nucleic acids and uses thereof. These novel polynucleotide and polypeptide sequences were determined to be a novel Interleukin-1 Receptor Antagonist. Also provided are antibodies which bind the antagonist, methods of detecting the antagonist, and kits containing the antibodies.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 88 OF 145 USPATFULL

ACCESSION NUMBER: 2001:152673 USPATFULL  
TITLE: Methods for detecting and identifying single molecules  
INVENTOR(S): Cubicciotti, Roger S., Montclair, NJ, United States  
PATENT ASSIGNEE(S): Molecular Machines, Inc., Montclair, NJ, United States  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6287765	B1	20010911
APPLICATION INFO.:	US 1998-81930		19980520 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Fredman, Jeffrey		
LEGAL REPRESENTATIVE:	Licata & Tyrrell P.C.		
NUMBER OF CLAIMS:	27		
EXEMPLARY CLAIM:	1		
LINE COUNT:	15456		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Multimolecular devices and drug delivery systems prepared from synthetic heteropolymers, heteropolymeric discrete structures, multivalent heteropolymeric hybrid structures, aptameric multimolecular devices, multivalent imprints, tethered specific recognition devices, paired specific recognition devices, nonaptameric multimolecular devices and immobilized multimolecular structures are provided, including molecular adsorbents and multimolecular adherents, adhesives, transducers, switches, sensors and delivery systems. Methods for selecting single synthetic nucleotides, shape-specific probes and specifically attractive surfaces for use in these multimolecular devices are also provided. In addition, paired nucleotide-nonnucleotide mapping libraries for transposition of selected populations of selected nonoligonucleotide molecules into selected populations of replicatable nucleotide sequences are described.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 89 OF 145 USPATFULL

ACCESSION NUMBER: 2001:136616 USPATFULL  
TITLE: Methods for inhibiting TGF-.beta. activity  
INVENTOR(S): Ruoslahti, Erkki I., Rancho Santa Fe, CA, United States  
Yamaguchi, Yu, San Diego, CA, United States  
PATENT ASSIGNEE(S): The Burnham Institute, La Jolla, CA, United States  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6277812	B1	20010821
APPLICATION INFO.:	US 1995-458834		19950602 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1994-303238, filed on 8 Sep 1994, now patented, Pat. No. US 5654270 Continuation of Ser. No. US 1992-978931, filed on 17 Nov 1992, now abandoned Continuation-in-part of Ser. No. US 1992-882345, filed on 13 May 1992, now abandoned Continuation of Ser. No. US 1991-792192, filed on 14 Nov 1991, now abandoned Continuation-in-part of Ser. No. US 1990-467888, filed on 22 Jan 1990, now abandoned Continuation-in-part of Ser. No. US 1988-212702, filed on 28 Jun 1988, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Kemmerer, Elizabeth		
LEGAL REPRESENTATIVE:	Campbell & Flores LLP		
NUMBER OF CLAIMS:	2		

EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 30 Drawing Figure(s); 20 Drawing Page(s)  
LINE COUNT: 1532

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides a method of inhibiting an activity of a cell regulatory factor comprising contacting the cell regulatory factor with a purified polypeptide, wherein the polypeptide comprises the cell regulatory factor binding domain of a protein and wherein the protein is characterized by a leucine-rich repeat of about 24 amino acids. In a specific embodiment, the present invention relates to the ability of decorin, a 40,000 dalton protein that usually carries a glycosaminoglycan chain, to bind TGF- $\beta$ . The invention also provides a novel cell regulatory factor designated MRF. Also provided are methods of identifying, detecting and purifying cell regulatory factors and proteins which bind and affect the activity of cell regulatory factors. The present invention further relates to methods for the prevention or reduction of scarring by administering decorin or a functional equivalent of decorin to a wound. The methods are particularly useful for dermal wounds resulting from burns, injuries or surgery. In addition, the present invention includes pharmaceutical compositions containing decorin or its functional equivalent and a pharmaceutically acceptable carrier useful in such methods. Finally, methods for preventing or inhibiting pathological conditions by administering decorin are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 90 OF 145 USPATFULL  
ACCESSION NUMBER: 2001:102621 USPATFULL  
TITLE: Antisense modulation of Her-4 expression  
INVENTOR(S): Bennett, C. Frank, Carlsbad, CA, United States  
Cowser, Lex M., Carlsbad, CA, United States  
PATENT ASSIGNEE(S): Isis Pharmaceuticals, Inc., Carlsbad, CA, United States  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6255111	B1	20010703
APPLICATION INFO.:	US 2000-632580		20000731 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	McGarry, Sean		
LEGAL REPRESENTATIVE:	Licata & Tyrrell P.C.		
NUMBER OF CLAIMS:	13		
EXEMPLARY CLAIM:	1		
LINE COUNT:	2555		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Antisense compounds, compositions and methods are provided for modulating the expression of Her-4. The compositions comprise antisense compounds, particularly antisense oligonucleotides, targeted to nucleic acids encoding Her-4. Methods of using these compounds for modulation of Her-4 expression and for treatment of diseases associated with expression of Her-4 are provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 91 OF 145 USPATFULL  
ACCESSION NUMBER: 2001:86226 USPATFULL  
TITLE: Survivin, a protein that inhibits cellular apoptosis, and its modulation  
INVENTOR(S): Altieri, Dario C., Hamden, CT, United States  
PATENT ASSIGNEE(S): Yale University, New Haven, CT, United States (U.S. corporation)

NUMBER	KIND	DATE
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PATENT INFORMATION:	US 6245523	B1	20010612
APPLICATION INFO.:	US 1997-975080		19971120 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-31435P	19961120 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Johnson, Nancy A.	
ASSISTANT EXAMINER:	Sun-Hoffman, Lin	
LEGAL REPRESENTATIVE:	Morgan, Lewis & Bockius LLP	
NUMBER OF CLAIMS:	28	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	59 Drawing Figure(s); 28 Drawing Page(s)	
LINE COUNT:	2824	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides the amino acid of a protein that inhibits cellular apoptosis, herein termed the Survivin protein and nucleic acid molecules that encode Survivin. Based on this disclosure, the present invention provides isolated Survivin protein, isolated Survivin encoding nucleic acid molecules, methods of isolating other members of the Survivin family of proteins, methods for identifying agents that block Survivin mediated inhibition of cellular apoptosis, methods of using agents that block Survivin mediated inhibition or Survivin expression to modulate biological and pathological processes, and methods of assaying Survivin activity.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 92 OF 145 USPATFULL  
 ACCESSION NUMBER: 2001:82526 USPATFULL  
 TITLE: Screening for SUR1 antagonists using adipocytes  
 INVENTOR(S): Wilkison, William O., Bahama, NC, United States  
 Zemel, Michael B., Knoxville, TN, United States  
 Moustaid-Mousse, Naima, Knoxville, TN, United States  
 PATENT ASSIGNEE(S): Zen Bio, Inc., Research Triangle Park, NC, United States (U.S. corporation)  
 The University of Tennessee Research Corporation, Knoxville, TN, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6242200	B1	20010605
APPLICATION INFO.:	US 2000-592420		20000612 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1999-287907, filed on 7 Apr 1999, now patented, Pat. No. US 6100047		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-81189P	19980408 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Marschel, Ardin H.	
ASSISTANT EXAMINER:	Moran, Marjorie A.	
LEGAL REPRESENTATIVE:	Knowles, Esq., Sherry M.King & Spalding	
NUMBER OF CLAIMS:	6	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	8 Drawing Figure(s); 3 Drawing Page(s)	
LINE COUNT:	1479	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides methods for identifying compounds and compositions useful in the regulation of weight, the treatment of obesity, diabetes and other insulin resistance-related disorders hypertension, cardiovascular disease and the like. The methods comprise

the use of adipocytes and predipocytes in assays and screens for compounds or compositions of interest. The present invention recognizes the presence of the sulfonylurea receptor in adipocytes and its utility in identifying compounds and in treating obesity and other insulin resistance-related disorders. In addition to assaying for agonists and antagonists of the sulfonylurea receptor, the methods of the invention also provide for identifying novel calcium channels or other calcium regulatory channels that are selectively expressed in human adipocytes as compared to human preadipocytes and for screening adipocytes for compounds that selectively antagonize calcium. These compounds may be used in the treatment of obesity and diabetes and other insulin resistance-related disorders. Once identified, the compounds of the invention can be used in pharmaceutical compositions for the treatment of insulin resistance-related disorders and to regulate lipogenesis and lipolysis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 93 OF 145 USPATFULL  
 ACCESSION NUMBER: 2001:71342 USPATFULL  
 TITLE: Luciferases, fluorescent proteins, nucleic acids encoding the luciferases and fluorescent proteins and the use thereof in diagnostics, high throughput screening and novelty items  
 INVENTOR(S): Bryan, Bruce J., 716 N. Arden Dr., Beverly Hills, CA, United States 90210  
 Szent-Gyorgyi, Christopher, Pittsburgh, PA, United States  
 PATENT ASSIGNEE(S): Bryan, Bruce J., United States (U.S. individual)  
 Prolume, LTD, Pittsburgh, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6232107	B1	20010515
APPLICATION INFO.:	US 1999-277716		19990326 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-102939P	19981001 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Achutamurthy, Ponnathapu	
ASSISTANT EXAMINER:	Rao, Manjunath N.	
LEGAL REPRESENTATIVE:	Seidman, StephanieHeller, Ehrman, White & Mculiffe LLP	
NUMBER OF CLAIMS:	63	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	14 Drawing Figure(s); 11 Drawing Page(s)	
LINE COUNT:	6743	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Isolated and purified nucleic acid molecules that encode a luciferase from Renilla mulleri, Gaussia and Pleuromamma, and the proteins encoded thereby are provided. Isolated and purified nucleic acids encoding green fluorescent proteins from the genus Renilla and Ptilosarcus, and the green fluorescent proteins encoded thereby are also provided. Compositions and combinations comprising the green fluorescent proteins and/or the luciferase are further provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 94 OF 145 USPATFULL  
 ACCESSION NUMBER: 2001:22438 USPATFULL  
 TITLE: Transgenic animals as model of psoriasis  
 INVENTOR(S): Watt, Fiona M., London, United Kingdom  
 Carroll, Joseph M., London, United Kingdom

PATENT ASSIGNEE(S): Imperial Cancer Research Technology Limited, London,  
United Kingdom (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6187993	B1	20010213
	WO 9627019		19960906
APPLICATION INFO.:	US 1997-894649		19971103 (8)
	WO 1996-GB431		19960226
			19971103 PCT 371 date
			19971103 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1995-9603868	19950225
	GB 1995-14535	19950715
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Priebe, Scott D.	
ASSISTANT EXAMINER:	Baker, Anne-Marie	
LEGAL REPRESENTATIVE:	Nixon & Vanderhyde P.C.	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	17 Drawing Figure(s); 17 Drawing Page(s)	
LINE COUNT:	1960	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A nucleic acid construct comprising a promoter capable of directing expression in the suprabasal cells of the epidermis and means to cause expression of an integrin subunit in the suprabasal cells. Preferably the means to cause expression of an integrin subunit is an integrin subunit coding sequence. A transgenic animal which expresses an .alpha. subunit and a .beta. subunit of integrin in the suprabasal cells of the epidermis and methods for making the transgenic animals. At least some of the transgenic animals are useful models of human disease, especially psoriasis. A method of treating psoriasis comprising administering to the patient a compound which modulates integrin function.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 95 OF 145 USPATFULL

ACCESSION NUMBER: 2001:14460 USPATFULL  
TITLE: Compositions and methods for treating infections using analogues of indolicidin  
INVENTOR(S): Fraser, Janet R., Vancouver, Canada  
West, Michael H. P., Vancouver, Canada  
Krieger, Timothy J., Richmond, Canada  
Taylor, Robert, White Rock, Canada  
Erfle, Douglas, Vancouver, Canada  
PATENT ASSIGNEE(S): Micrologix Biotech Inc., Vancouver, Canada (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6180604	B1	20010130
APPLICATION INFO.:	US 1997-915314		19970820 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-24754P	19960821 (60)
	US 1997-34949P	19970113 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Celsa, Bennett	
LEGAL REPRESENTATIVE:	Seed Intellectual Property Law Group PLLC	
NUMBER OF CLAIMS:	23	



EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 39 Drawing Figure(s); 19 Drawing Page(s)  
LINE COUNT: 3106

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for treating infections, especially bacterial infections, are provided. Indolicidin peptide analogues containing at least two basic amino acids are prepared. The analogues are administered as modified peptides, preferably containing photo-oxidized solubilizer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 96 OF 145 USPATFULL

ACCESSION NUMBER: 2000:168068 USPATFULL  
TITLE: Method for treating epidermal or dermal conditions  
INVENTOR(S): Lerner, Ethan A., Newton, MA, United States  
Qureshi, Abrar A., Brookline, MA, United States  
Lerner, Lisa H., Newton, MA, United States  
PATENT ASSIGNEE(S): The General Hospital Corporation, Boston, MA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6160021		20001212
APPLICATION INFO.:	US 1998-18080		19980203 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-37098P	19970204 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Jarvis, William R. A.	
ASSISTANT EXAMINER:	Kim, Vickie	
LEGAL REPRESENTATIVE:	Fish & Richardson P.C.	
NUMBER OF CLAIMS:	8	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	5 Drawing Figure(s); 5 Drawing Page(s)	
LINE COUNT:	1079	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A method of treating a subject for an unwanted epidermal or dermal condition comprising administering to the subject, a treatment which modulates the level of nitric oxide (NO) in the **skin**.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 97 OF 145 USPATFULL

ACCESSION NUMBER: 2000:127975 USPATFULL  
TITLE: Human urinary hyaluronidase  
INVENTOR(S): Stern, Robert, San Francisco, CA, United States  
Csoka, Anthony, San Francisco, CA, United States  
Frost, Gregory I., San Francisco, CA, United States  
Wong, Tim M., San Francisco, CA, United States  
PATENT ASSIGNEE(S): The Regents of the University of California, Oakland, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6123938		20000926
APPLICATION INFO.:	US 1997-987743		19971209 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1996-733360, filed on 17 Oct 1996		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Ungar, Susan		
LEGAL REPRESENTATIVE:	Francis, Carol L.Bozicevic, Field & Francis LLP		
NUMBER OF CLAIMS:	9		

EXEMPLARY CLAIM: 1,4  
NUMBER OF DRAWINGS: 4 Drawing Figure(s); 4 Drawing Page(s)  
LINE COUNT: 1931

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is based on the purification and sequencing of isozymes of plasma hyaluronidase (pHase) found in urine. Specifically, urine contains two hyaluronidases (Hases): 1) a 57 kDa Hase that is apparently the same as the 57 kDa Hase found in plasma; and 2) a 45 kDa Hase, which is found in urine but not plasma. The smaller urine isozyme is composed of two disulfide-linked polypeptides produced by endoproteolytic cleavage of the 57 kDa isoform. The present invention thus features a urinary hyaluronidase (uHase) polypeptide and nucleotide sequences encoding a Chain A polypeptide and a Chain B polypeptide, the two polypeptides of which uHase is composed. In a particular aspect, the uHase is a human uHase (huHase), preferably a huHase composed of the Chain A and B polypeptides having SEQ ID NOS: 2 and 4, respectively. In related aspects the invention features polynucleotide sequence encoding Chain A and Chain B polypeptides, preferably having the sequences of SEQ ID NOS: 1 and 3, respectively. In addition, the invention features polynucleotide sequences that hybridize under stringent conditions to SEQ ID NOS: 1 and 3. In related aspects the invention features expression vectors and host cells comprising polynucleotides that encode uHase polypeptide Chains A and B. The present invention also features antibodies that bind specifically to uHase, and methods for producing uHase.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 98 OF 145 USPATFULL  
ACCESSION NUMBER: 2000:117500 USPATFULL  
TITLE: Transglutaminase and gene encoding same  
INVENTOR(S): Aeschlimann, Daniel P., Madison, WI, United States  
Mosher, Deane F., Madison, WI, United States  
PATENT ASSIGNEE(S): Wisconsin Alumni Research Foundation, Madison, WI,  
United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6114119		20000905
APPLICATION INFO.:	US 1997-920919		19970829 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Ketter, James		
ASSISTANT EXAMINER:	Yucel, Irem		
LEGAL REPRESENTATIVE:	Quarles & Brady LLP		
NUMBER OF CLAIMS:	14		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	7 Drawing Figure(s); 7 Drawing Page(s)		
LINE COUNT:	1613		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A pair of degenerate oligonucleotide primers can amplify transglutaminase-specific fragments of known transglutaminase genes. The primers are also used to obtain new transglutaminase gene products. The nucleotide sequence of a novel transglutaminase gene (termed TG.sub.X) is presented.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 99 OF 145 USPATFULL  
ACCESSION NUMBER: 2000:102080 USPATFULL  
TITLE: Modulation of the sulfonylurea receptor and calcium in adipocytes for treatment of obesity/diabetes  
INVENTOR(S): Wilkison, William O., Bahama, NC, United States  
Zemel, Michael B., Knoxville, TN, United States  
Moustaid-Mousse, Naima, Knoxville, TN, United States

PATENT ASSIGNEE(S): Zen Bio, Inc., Research Triangle Park, NC, United States (U.S. corporation)  
The University of Tennessee Research Corporation, Knoxville, TN, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6100047		20000808
APPLICATION INFO.:	US 1999-287907		19990407 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-81189P	19980408 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Moran, Marjorie	
LEGAL REPRESENTATIVE:	Alston & Bird LLP	
NUMBER OF CLAIMS:	8	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	8 Drawing Figure(s); 3 Drawing Page(s)	
LINE COUNT:	1494	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides methods for identifying compounds and compositions useful in the regulation of weight, the treatment of obesity, diabetes and other insulin resistance-related disorders hypertension, cardiovascular disease and the like. The methods comprise the use of adipocytes and predipocytes in assays and screens for compounds or compositions of interest. The present invention recognizes the presence of the sulfonylurea receptor in adipocytes and its utility in identifying compounds and in treating obesity and other insulin resistance-related disorders. The methods of the invention also provide for identifying novel calcium channels or other calcium regulatory channels that are selectively expressed in human adipocytes as compared to human preadipocytes and for screening adipocytes for compounds that selectively antagonize calcium. These compounds may be used in the treatment of obesity and diabetes and other insulin resistance-related disorders. Once identified, the compounds of the invention can be used in pharmaceutical compositions for the treatment of insulin resistance-related disorders and to regulate lipogenesis and lipolysis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 100 OF 145 USPATFULL  
ACCESSION NUMBER: 2000:77208 USPATFULL  
TITLE: Keratinocyte growth factor-2  
INVENTOR(S): Ruben, Steven M., Olney, MD, United States  
Jimenez, Pablo, Ellicott City, MD, United States  
Duan, D. Roxanne, Bethesda, MD, United States  
Rampy, Mark A., Gaithersburg, MD, United States  
Mendrick, Donna, Mt. Airy, MD, United States  
Zhang, Jun, Bethesda, MD, United States  
Ni, Jian, Rockville, MD, United States  
Moore, Paul A., Germantown, MD, United States  
Coleman, Timothy A., Gaithersburg, MD, United States  
Gruber, Joachim R., Chestnut Hill, MA, United States  
Dillon, Patrick J., Carlsbad, CA, United States  
Gentz, Reiner L., Rockville, MD, United States  
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6077692		20000620
APPLICATION INFO.:	US 1998-23082		19980213 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1997-910875, filed		

on 13 Aug 1997, now abandoned And a  
 continuation-in-part of Ser. No. US 1997-862432, filed  
 on 23 May 1997, now abandoned which is a division of  
 Ser. No. US 1995-461195, filed on 5 Jun 1995, now  
 abandoned which is a continuation-in-part of Ser. No.  
 WO 1995-US1790, filed on 14 Feb 1995

	NUMBER	DATE
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PRIORITY INFORMATION:	US 1997-55561P	19970813 (60)
	US 1997-39045P	19970228 (60)
	US 1996-23852P	19960813 (60)
	US 1997-68493P	19971222 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Ulm, John	
ASSISTANT EXAMINER:	Saoud, Christine	
LEGAL REPRESENTATIVE:	Sterne, Kessler, Goldstein & Fox, P.L.L.C.	
NUMBER OF CLAIMS:	683	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	80 Drawing Figure(s); 64 Drawing Page(s)	
LINE COUNT:	9626	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to newly identified polynucleotides, polypeptides encoded by such polynucleotides, the use of such polynucleotides and polypeptides, as well as the production of such polynucleotides and polypeptides. More particularly, the polypeptide of the present invention is a Keratinocyte Growth Factor, sometimes hereinafter referred to as "KGF-2" also formerly known as Fibroblast Growth Factor 12 (FGF-12). This invention further relates to the therapeutic use of KGF-2 to promote or accelerate wound healing. This invention also relates to novel mutant forms of KGF-2 that show enhanced activity, increased stability, higher yield or better solubility.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 101 OF 145 USPATFULL  
 ACCESSION NUMBER: 2000:41033 USPATFULL  
 TITLE: Synthetic catalytic free radical scavengers useful as  
 antioxidants for prevention and therapy of disease  
 INVENTOR(S): Malfroy-Camine, Bernard, Arlington, MA, United States  
 Doctrow, Susan Robin, Roslindale, MA, United States  
 PATENT ASSIGNEE(S): Eukarion, Inc., Bedford, MA, United States (U.S.  
 corporation)

	NUMBER	KIND	DATE
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PATENT INFORMATION:	US 6046188		20000404
	WO 9640148		19961219
APPLICATION INFO.:	US 1998-973577		19980311 (8)
	WO 1996-US10037		19960606
			19980311 PCT 371 date
			19980311 PCT 102(e) date
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1995-485489, filed on 7 Jun 1995, now patented, Pat. No. US 5696109		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Reamer, James H.		
LEGAL REPRESENTATIVE:	Townsend & Townsend & Crew LLP		
NUMBER OF CLAIMS:	24		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	28 Drawing Figure(s); 16 Drawing Page(s)		
LINE COUNT:	3405		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides antioxidant salen-metal complexes, compositions

of such antioxidant salen-metal complexes having superoxide activity, catalase activity, and/or peroxidase activity, compositions of salen-metal complexes in a form suitable for pharmaceutical administration to treat or prevent a disease associated with cell or tissue damage produced by free radicals such as superoxide, and **cosmetic** and free radical quenching formulations of salen metal compounds.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 102 OF 145 USPATFULL  
ACCESSION NUMBER: 2000:34403 USPATFULL  
TITLE: Vascular endothelial growth factor 2  
INVENTOR(S): Hu, Jing-Shan, Sunnyvale, CA, United States  
Rosen, Craig A., Laytonsville, MD, United States  
Cao, Liang, South Horizons, Hong Kong  
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6040157		20000321
APPLICATION INFO.:	US 1998-42105		19980313 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1997-999811, filed on 24 Dec 1997, now patented, Pat. No. US 5932540 which is a continuation-in-part of Ser. No. US 1997-824996, filed on 27 Mar 1997 And a continuation-in-part of Ser. No. US 1995-465968, filed on 6 Jun 1995 which is a continuation-in-part of Ser. No. US 1994-207550, filed on 8 Mar 1994		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Ulm, John		
ASSISTANT EXAMINER:	Saoud, Christine		
LEGAL REPRESENTATIVE:	Human Genome Sciences Inc.		
NUMBER OF CLAIMS:	75		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	48 Drawing Figure(s); 47 Drawing Page(s)		
LINE COUNT:	5292		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are human VEGF2 polypeptides, biologically active, diagnostically or therapeutically useful fragments, analogs, or derivatives thereof, and DNA (RNA) encoding such VEGF2 polypeptides. Also provided are procedures for producing such polypeptides by **recombinant** techniques and antibodies and antagonists against such polypeptides. Such polypeptides may be used therapeutically for stimulating wound healing and for vascular tissue repair. Also provided are methods of using the antibodies and antagonists to inhibit tumor angiogenesis and thus tumor growth, inflammation, diabetic retinopathy, rheumatoid arthritis, and psoriasis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 103 OF 145 USPATFULL  
ACCESSION NUMBER: 2000:18625 USPATFULL  
TITLE: Transgenic non-human mammals producing EC-SOD protein in their milk  
INVENTOR(S): Hansson, Lennart, Bjorkvagen 50, S-902 40 Ume.ang., Sweden

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6025540		20000215
	WO 9500637		19950105
APPLICATION INFO.:	US 1995-556965		19951207 (8)

WO 1994-IB181

19940624

19951207 PCT 371 date

19951207 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	DK 1993-753	19930624
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Priebe, Scott D.	
ASSISTANT EXAMINER:	Wilson, Michael C.	
LEGAL REPRESENTATIVE:	Cooper, Iver P.	
NUMBER OF CLAIMS:	36	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	7 Drawing Figure(s); 8 Drawing Page(s)	
LINE COUNT:	2719	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a transgenic non-human mammal comprising a DNA sequence encoding human extracellular superoxide dismutase (human EC-SOD) or a variant thereof which is expressed in the milk. Transgenic mice containing a chimeric whey acidic protein gene promoter operatively linked to human EC-SOD gene were produced. Levels of up to 0.7 mg human EC-SOD protein/mL milk were observed. The mammalian expression system is preferably expressed in a non-human mammal selected from the group containing rabbits, mice, rats, goats, sheep, pigs, llama, camels and bovine species. The human EC-SOD proteins dismutate superoxide radicals and bind heparin. Within the scope of the invention are also method for producing a transgenic non-human mammal capable of expressing human EC-SOD as defined above, and methods of making milk and methods of isolating protein from the milk.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 104 OF 145 USPATFULL  
ACCESSION NUMBER: 2000:15485 USPATFULL  
TITLE: Nucleic acid encoding an altered telomere repeat binding factor  
INVENTOR(S): de Lange, Titia, New York, NY, United States  
van Steensel, Bas, New York, NY, United States  
Bianchi, Alessandro, New York, NY, United States  
PATENT ASSIGNEE(S): The Rockefeller University, New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6022709		20000208
APPLICATION INFO.:	US 1998-209605		19981211 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1997-800264, filed on 13 Feb 1997, now patented, Pat. No. US 5859183		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	McKelvey, Terry		
LEGAL REPRESENTATIVE:	Klauber & Jackson		
NUMBER OF CLAIMS:	24		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	29 Drawing Figure(s); 14 Drawing Page(s)		
LINE COUNT:	3788		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides an isolated altered vertebrate telomere repeat binding factor (A-TRF) that hinders the binding of a TRF to its specific telomere repeat sequence. Also included are the corresponding nucleic acids that encode the A-TRFs of the present invention, as well as the heterodimers formed by the association of an A-TRF with a TRF. In addition, pharmaceutical compositions containing the A-TRFs for treatment of diseases such as ataxia telangiectasia are also included.

Methods of making, purifying and using the A-TRFs of the present invention are described. In addition, drug screening assays to identify drugs that mimic and/or complement the effect of the A-TRFs are presented.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 105 OF 145 USPATFULL  
 ACCESSION NUMBER: 2000:12641 USPATFULL  
 TITLE: Transglutaminase and gene encoding same  
 INVENTOR(S): Aeschlimann, Daniel P., Madison, WI, United States  
 Mosher, Deane F., Madison, WI, United States  
 PATENT ASSIGNEE(S): Wisconsin Alumni Research Foundation, Madison, WI,  
 United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6020178		20000201
APPLICATION INFO.:	US 1999-257799		19990225 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1997-920919, filed on 29 Aug 1997		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Degen, Nancy		
LEGAL REPRESENTATIVE:	Quarles & Brady LLP		
NUMBER OF CLAIMS:	2		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	8 Drawing Figure(s); 7 Drawing Page(s)		
LINE COUNT:	1614		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A pair of degenerate oligonucleotide primers can amplify transglutaminase-specific fragments of known transglutaminase genes. The primers are also used to obtain new transglutaminase gene products. The nucleotide sequence of a novel transglutaminase gene (termed TG.sub.X) is presented.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 106 OF 145 USPATFULL  
 ACCESSION NUMBER: 2000:12629 USPATFULL  
 TITLE: Nucleic acid encoding an altered telomere repeat binding factor 2  
 INVENTOR(S): De Lange, Titia, New York, NY, United States  
 Van Steensel, Bas, Seattle, WA, United States  
 Bianchi, Alessandro, Geneve, Switzerland  
 PATENT ASSIGNEE(S): The Rockefeller University, New York, NY, United States  
 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6020166		20000201
APPLICATION INFO.:	US 1999-273378		19990322 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1998-18628, filed on 4 Feb 1998, now patented, Pat. No. US 5917019 which is a continuation-in-part of Ser. No. US 1997-800264, filed on 13 Feb 1997, now patented, Pat. No. US 5859183, issued on 12 Jan 1999		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	McKelvey, Terry		
LEGAL REPRESENTATIVE:	Klauber & Jackson		
NUMBER OF CLAIMS:	21		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	69 Drawing Figure(s); 24 Drawing Page(s)		
LINE COUNT:	5301		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides an isolated altered vertebrate telomere repeat binding factor (A-TRFs). Also included are the corresponding nucleic acids that encode the A-TRFs of the present invention, as well as the heterodimers formed by the association of an A-TRF with a TRF. In addition, pharmaceutical compositions containing the A-TRFs for treatment of diseases such as ataxia telangiectasia are also included. Methods of making, purifying and using the A-TRFs of the present invention are described. In addition, drug screening assays to identify drugs that mimic and/or complement the effect of the A-TRFs are presented.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 107 OF 145 USPATFULL  
ACCESSION NUMBER: 2000:1749 USPATFULL  
TITLE: Antisense modulation of Jun N-terminal kinase kinase-1 expression  
INVENTOR(S): Ward, Donna T., San Diego, CA, United States  
Cowser, Lex M., Carlsbad, CA, United States  
PATENT ASSIGNEE(S): Isis Pharmaceuticals Inc., Carlsbad, CA, United States  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6010906		20000104
APPLICATION INFO.:	US 1999-358382		19990721 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Brusca, John S.		
ASSISTANT EXAMINER:	McGarry, Sean		
LEGAL REPRESENTATIVE:	Law Offices of Jane Massey Licata		
NUMBER OF CLAIMS:	24		
EXEMPLARY CLAIM:	1		
LINE COUNT:	2888		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Antisense compounds, compositions and methods are provided for modulating the expression of Jun N-terminal Kinase Kinase-1. The compositions comprise antisense compounds, particularly antisense oligonucleotides, targeted to nucleic acids encoding Jun N-terminal Kinase Kinase-1. Methods of using these compounds for modulation of Jun N-terminal Kinase Kinase-1 expression and for treatment of diseases associated with expression of Jun N-terminal Kinase Kinase-1 are provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 108 OF 145 EUROPATFULL COPYRIGHT 2002 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 1054018 EUROPATFULL EW 200047 FS OS  
TITLE: Fab fragment libraries and methods for their use.  
Fab Fragmentbibliotheken und Verfahren fuer deren  
Verwendung.  
Banques de fragments Fab et leurs procedes  
d'utilisation.  
INVENTOR(S): Hoogenboom, Hendricus Renerus Jacobus Mattheus,  
Hertogsingel 46, 6214 AE Maastricht, NL  
PATENT ASSIGNEE(S): Target Quest B.V., 46, Hertogsingel, 6214 AE Maastricht,  
NL  
PATENT ASSIGNEE NO: 2756500  
AGENT: Bakkm, Ruben Joseph et al., van Exter Polak & Charlouis  
B.V., P.O. Box 3241, 2280 GE Rijswijk, NL  
AGENT NUMBER: 75851



OTHER SOURCE: BEPA2000091 EP 1054018 A1 0074  
 SOURCE: Wila-EPZ-2000-H47-T1a  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch  
 DESIGNATED STATES: R AT; R BE; R CH; R CY; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE; R IT; R LI; R LU; R MC; R NL; R PT; R SE; R AL; R LT; R LV; R MK; R RO; R SI  
 PATENT INFO.PUB.TYPE: EPA1 EUROPAEISCHE PATENTANMELDUNG  
 PATENT INFORMATION:

	PATENT NO	KIND	DATE
	EP 1054018	A1	20001122
'OFFENLEGUNGS' DATE:			20001122
APPLICATION INFO.:	EP 1999-201558		19990518

L192 ANSWER 109 OF 145 USPATFULL  
 ACCESSION NUMBER: 1999:142013 USPATFULL  
 TITLE: Therapeutic TGF-beta-wound healing compositions and methods for preparing and using same  
 INVENTOR(S): Martin, Alain, Ringoes, NJ, United States  
 PATENT ASSIGNEE(S): Warner-Lambert Company, Morris Plains, NJ, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5981606		19991109
APPLICATION INFO.:	US 1998-19316		19980205 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1993-53922, filed on 26 Apr 1993, now abandoned which is a continuation of Ser. No. US 1991-663500, filed on 1 Mar 1991, now abandoned And a continuation of Ser. No. US 1994-224936, filed on 8 Apr 1994, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-37730P	19970202 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Criares, Theodore J.	
LEGAL REPRESENTATIVE:	Barish, Jean B.	
NUMBER OF CLAIMS:	33	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	8 Drawing Figure(s); 8 Drawing Page(s)	
LINE COUNT:	3528	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention pertains to therapeutic wound healing compositions for protecting and resuscitating mammalian cells (Embodiment One (I)). This invention also pertains to therapeutic TGF-beta-wound healing compositions for reducing the formation of scar tissue and increasing the proliferation and resuscitation rate of mammalian cells (Embodiment Two (II)). In a first aspect of Embodiment One (I.A), the therapeutic wound healing composition comprises (a) pyruvate, (b) an antioxidant, and (c) a mixture of saturated and unsaturated fatty acids. In a second aspect of Embodiment One (I.B), the therapeutic wound healing composition comprises (a) pyruvate, (b) lactate, and (c) a mixture of saturated and unsaturated fatty acids. In a third aspect of Embodiment One (I.C), the therapeutic wound healing composition comprises (a) an antioxidant and (b) a mixture of saturated and unsaturated fatty acids. In a fourth aspect of Embodiment One (I.D), the therapeutic wound healing composition comprises (a) lactate, (b) an antioxidant, and (c) a mixture of saturated and unsaturated fatty acids. In Embodiment Two (II), the therapeutic wound healing compositions of Embodiment One (I.A-D) are combined with a therapeutically effective amount of a TGF-beta (GF) to form TGF-beta-wound healing compositions (II.A-D+GF). This invention also pertains to methods for preparing and using the

TGF-beta-wound healing compositions and the topical and ingestible pharmaceutical products in which the therapeutic compositions may be used.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 110 OF 145   USPATFULL  
ACCESSION NUMBER:       1999:141663   USPATFULL  
TITLE:                   **Recombinant** stratum corneum chymotryptic  
                          enzyme (SCCE)  
INVENTOR(S):            Egelrud, Torbjorn, Ume.ang., Sweden  
                          Hansson, Lennart, Ume.ang., Sweden  
PATENT ASSIGNEE(S):     Astra Aktiebolag, Sodertalje, Sweden (non-U.S.  
                          corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5981256		19991109
APPLICATION INFO.:	US 1998-154344		19980916 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1995-557146, filed on 14 Dec 1995, now patented, Pat. No. US 5834290		

	NUMBER	DATE
PRIORITY INFORMATION:	DK 1993-725	19930618
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Wax, Robert A.	
ASSISTANT EXAMINER:	Moore, William W.	
LEGAL REPRESENTATIVE:	White & Case L.L.P.	
NUMBER OF CLAIMS:	1	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	23 Drawing Figure(s); 22 Drawing Page(s)	
LINE COUNT:	3038	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB     The present invention relates to a polypeptide having the amino acid sequence SEQ ID NO:2 or an analogue or variant thereof having SCCE activity as defined in the present application, such as a polypeptide having a sub-sequence of the amino acid sequence SEQ ID NO:2. Furthermore, the present invention relates to nucleotide sequences encoding polypeptides having SCCE activity as well as to expression systems, expression vectors, plasmids and non-human organisms comprising said nucleotide sequences. Important aspects of the present invention relate to pharmaceutical, **cosmetic** and **skin** care compositions comprising a polypeptide having SCCE activity, and the use of a polypeptide having SCCE activity for the treatment or prophylaxis of various diseases such as acne, xeroderma or other hyperkeratotic conditions such as callosities and keratosis pilaris as well as the various ichthyoses, psoriasis and other inflammatory **skin** diseases such as eczemas. Moreover, the present invention relates to the use of a compound which has an inhibitory effect on the enzymatic activity of native SCCE for the manufacture of a pharmaceutical composition for treatment or prophylaxis of autoimmune pemphigus diseases or acantholytic diseases such as familiar pemphigus and Darier's disease.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 111 OF 145   USPATFULL  
ACCESSION NUMBER:       1999:132545   USPATFULL  
TITLE:                   Mercury binding polypeptides and nucleotides coding  
                          therefore  
INVENTOR(S):            Lopez, Osvaldo, Lincoln, NE, United States  
                          Wylie, Dwane E., Lincoln, NE, United States  
                          Wagner, Fred W., Walton, NE, United States

PATENT ASSIGNEE(S): BioNebraska, Inc., Lincoln, NE, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5972656		19991026
APPLICATION INFO.:	US 1997-888366		19970703 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1994-187407, filed on 27 Jan 1994, now abandoned which is a continuation-in-part of Ser. No. US 1992-990542, filed on 14 Dec 1992, now patented, Pat. No. US 5503987 which is a continuation of Ser. No. US 1990-493299, filed on 14 Mar 1990, now abandoned which is a continuation-in-part of Ser. No. US 1989-324392, filed on 14 Mar 1989, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Eisenschenk, Frank C.		
ASSISTANT EXAMINER:	Zeman, Mary K		
LEGAL REPRESENTATIVE:	Merchant & Gould P.C.		
NUMBER OF CLAIMS:	22		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	5 Drawing Figure(s); 16 Drawing Page(s)		
LINE COUNT:	2272		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Metal binding polypeptides which include an amino acid sequence coding for a variable region of a monoclonal antibody which immunoreacts with a mercury cation and nucleotides which include a nucleic acid sequence coding for the variable region are provided. The invention is also directed to fusion proteins which include a phage coat protein or portion thereof and the monoclonal antibody heavy chain variable region. The invention also provides bacteriophages which include the fusion protein in their coat. In addition, methods for detecting, removing, adding, or neutralizing mercuric cations in biological or inanimate systems through the use of the mercury binding polypeptides are provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 112 OF 145 USPATFULL  
ACCESSION NUMBER: 1999:102689 USPATFULL  
TITLE: Connective tissue growth factor-2  
INVENTOR(S): Li, Haodong, 11033 Rutledge Dr., Gaithersburg, MD, United States 20878  
Adams, Mark D., 15205 Dufief Dr., North Potomac, MD, United States 20878

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5945300		19990831
APPLICATION INFO.:	US 1995-459101		19950602 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 1994-US7736, filed on 12 Jul 1994		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Railey, II, Johnny F.		
LEGAL REPRESENTATIVE:	Brookes, A. Anders		
NUMBER OF CLAIMS:	53		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	6 Drawing Figure(s); 5 Drawing Page(s)		
LINE COUNT:	1418		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a human CTGF-2 polypeptide and DNA (RNA) encoding such polypeptide. Also provided is a procedure for producing such polypeptide by **recombinant** techniques and antibodies and antagonist/inhibitors against such polypeptide. Also

provided are methods of using the polypeptide therapeutically for enhancing the repair of connective and support tissue, promoting the attachment, fixation and stabilization of tissue implants and enhancing wound healing. Diagnostic assays for identifying **mutations** in nucleic acid sequence encoding a polypeptide of the present invention and for detecting altered levels of the polypeptide of the present invention are also disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 113 OF 145   USPATFULL  
 ACCESSION NUMBER:       1999:99644   USPATFULL  
 TITLE:                   Methods and compositions for multiple gene transfer  
                           into bone cells  
 INVENTOR(S):            Bonadio, Jeffrey, Ann Harbor, MI, United States  
                           Goldstein, Steven A., Ann Harbor, MI, United States  
 PATENT ASSIGNEE(S):     The Regent of The University of Michigan, Ann Arbor,  
                           MI, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5942496		19990824
APPLICATION INFO.:	US 1994-316650		19940930 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1994-199780, filed on 18 Feb 1994, now patented, Pat. No. US 5763416		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Campell, Bruce R.		
ASSISTANT EXAMINER:	Nguyen, Dave Trong		
LEGAL REPRESENTATIVE:	Arnold White & Durkee		
NUMBER OF CLAIMS:	130		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	26 Drawing Figure(s); 14 Drawing Page(s)		
LINE COUNT:	5310		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB     Disclosed are methods, compositions, kits and devices for use in transferring nucleic acids into bone cells in situ and/or for stimulating bone progenitor cells. Type II collagen and, particularly, osteotropic genes, are shown to stimulate bone progenitor cells and to promote bone growth, repair and regeneration in vivo. Gene transfer protocols are disclosed for use in transferring various nucleic acid materials into bone, as may be used in treating various bone-related diseases and defects including fractures, osteoporosis, osteogenesis imperfecta and in connection with bone implants.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 114 OF 145   USPATFULL  
 ACCESSION NUMBER:       1999:81708   USPATFULL  
 TITLE:                   Medicaments for the treatment of papillomavirus  
                           diseases  
 INVENTOR(S):            Botchan, Michael R., Kensington, CA, United States  
                           Clark, Robin, Oakland, CA, United States  
                           Mohr, Ian J., Berkeley, CA, United States  
                           Sun, Shaw, Fremont, CA, United States  
 PATENT ASSIGNEE(S):     Chiron Corporation, Emeryville, CA, United States (U.S.  
                           corporation)  
                           University of California, Oakland, CA, United States  
                           (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5925516		19990720
APPLICATION INFO.:	US 1995-430521		19950427 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1990-632027, filed on 21 Dec		

1990, now patented, Pat. No. US 5464936  
DOCUMENT TYPE: Utility  
FILE SEGMENT: Granted  
PRIMARY EXAMINER: Carlson, Karen C.  
LEGAL REPRESENTATIVE: McCracken, Thomas P., Blackburn, Robert P.  
NUMBER OF CLAIMS: 3  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 9 Drawing Figure(s); 5 Drawing Page(s)  
LINE COUNT: 1068

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Medicaments, and methods of identifying the same, are described that are useful for treating papillomavirus diseases that have the characteristics of preventing, interfering with, or reversing the binding of the appropriate papillomavirus proteins E1 or E2 to a nucleotide sequence homologous to a nucleotide sequence present in the papillomavirus genome, or of the formation of a complex consisting of papillomavirus proteins E1 and E2, or the binding of the complex to the nucleotide sequence.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 115 OF 145 USPATFULL  
ACCESSION NUMBER: 1999:72711 USPATFULL  
TITLE: Altered telomere repeat binding factor 2  
INVENTOR(S): de Lange, Titia, New York, NY, United States  
Steensel, Bas Van, New York, NY, United States  
Bianchi, Alessandro, New York, NY, United States  
PATENT ASSIGNEE(S): The Rockefeller University, New York, NY, United States  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5917019		19990629
APPLICATION INFO.:	US 1998-18628		19980204 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1997-800264, filed on 13 Feb 1997, now patented, Pat. No. US 5859183		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	McKelvey, Terry		
NUMBER OF CLAIMS:	15		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	69 Drawing Figure(s); 24 Drawing Page(s)		
LINE COUNT:	5112		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides an isolated altered vertebrate telomere repeat binding factor (A-TRFs). Also included are the corresponding nucleic acids that encode the A-TRFs of the present invention, as well as the heterodimers formed by the association of an A-TRF with a TRF. In addition, pharmaceutical compositions containing the A-TRFs for treatment of diseases such as ataxia telangiectasia are also included. Methods of making, purifying and using the A-TRFs of the present invention are described. In addition, drug screening assays to identify drugs that mimic and/or complement the effect of the A-TRFs are presented.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 116 OF 145 USPATFULL  
ACCESSION NUMBER: 1999:4838 USPATFULL  
TITLE: Altered telomere repeat binding factor  
INVENTOR(S): de Lange, Titia, New York, NY, United States  
Steensel, Bas van, New York, NY, United States  
Bianchi, Alessandro, New York, NY, United States  
PATENT ASSIGNEE(S): The Rockefeller University, New York, NY, United States  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5859183		19990112
APPLICATION INFO.:	US 1997-800264		19970213 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	McKelvey, Terry A.		
LEGAL REPRESENTATIVE:	Klauber & Jackson		
NUMBER OF CLAIMS:	17		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	29 Drawing Figure(s); 14 Drawing Page(s)		
LINE COUNT:	3602		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides an isolated altered vertebrate telomere repeat binding factor (A-TRF) that hinders the binding of a TRF to its specific telomere repeat sequence. Also included are the corresponding nucleic acids that encode the A-TRFs of the present invention, as well as the heterodimers formed by the association of an A-TRF with a TRF. In addition, pharmaceutical compositions containing the A-TRFs for treatment of diseases such as ataxia telangiectasia are also included. Methods of making, purifying and using the A-TRFs of the present invention are described. In addition, drug screening assays to identify drugs that mimic and/or complement the effect of the A-TRFs are presented.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 117 OF 145 USPATFULL  
 ACCESSION NUMBER: 1999:1466 USPATFULL  
 TITLE: Antimicrobial peptides  
 INVENTOR(S): Powell, William Allen, Syracuse, NY, United States  
 Maynard, Charles A., Syracuse, NY, United States  
 PATENT ASSIGNEE(S): The Research Foundation of State University of New York, Albany, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5856127		19990105
APPLICATION INFO.:	US 1996-686594		19960726 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Marschel, Ardin H.		
LEGAL REPRESENTATIVE:	Jaekle Fleischmann & Mugel, LLP, Braman, Esq., Susan J.		
NUMBER OF CLAIMS:	44		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	1 Drawing Figure(s); 1 Drawing Page(s)		
LINE COUNT:	1807		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to antimicrobial polypeptides and to nucleic acid molecules encoding these antimicrobial polypeptides. The polypeptide consists of from 15 to 20 amino acids and has an amphipathic alpha helix structure, wherein 3 or more of the amino acids form a positively charged domain extending axially along the alpha helix. Expression vectors, host cells, and transgenic plants, as well as methods of producing plants having improved resistance to fungal and bacterial infestation, are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 118 OF 145 EUROPATFULL COPYRIGHT 2002 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 919566 EUROPATFULL EW 199922 FS OS  
 TITLE: Antimicrobial peptides and their use against plant pathogens.  
 Antimikrobielle Peptide und ihre Verwendung gegen Pflanzenpathogene.  
 Peptides antimicrobiens et leur utilization contre les pathogenes des plantes.  
 INVENTOR(S): Mapelli, Claudio, Dr., 107, Delemere Drive, Princeton, New Jersey 08540, US;  
 Dugas de Robertis, Catherine, Dr., 213, Wood Mill Dr., Cranbury, New Jersey 08512, US;  
 Stahl, Geraldine Frances, Dr., 1006, Lyndale Ave., Trenton, New Jersey 08629, US;  
 Bascomb, Newell Fred, Dr., 9, Gallo Court, Lawrenceville, New Jersey 08648, US;  
 Swerdloff, Michael Dennis, Dr., 14, Aldgate Court, Princeton, New Jersey 08540, US;  
 Williams, Jon Ira, Dr., 11, Darvel Drive, Robbinsville, New Jersey 08691, US;  
 Everett, Nicholas Paul, Dr., 292J, Burd Road, Pennington City, New Jersey 08534, US  
 PATENT ASSIGNEE(S): ENICHEM S.p.A., Piazza della Repubblica, 16, 20124 Milano, IT  
 PATENT ASSIGNEE NO: 719043  
 AGENT: Winter, Brandl, Fuerniss, Huebner, Roess, Kaiser, Polte, Kindermann Partnerschaft, Patent- und Rechtsanwaltskanzlei Alois-Steinecker-Strasse 22, 85354 Freising, DE  
 AGENT NUMBER: 100051  
 OTHER SOURCE: ESP1999039 EP 0919566 A2 990602  
 SOURCE: Wila-EPZ-1999-H22-T1a  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch  
 DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IT; R LI; R LU; R NL; R SE  
 PATENT INFO.PUB.TYPE: EPA2 EUROPÄISCHE PATENTANMELDUNG  
 PATENT INFORMATION:

PATENT NO	KIND	DATE
EP 919566	A2	19990602
'OFFENLEGUNGS' DATE:		19990602
APPLICATION INFO.:	EP 1998-121780	19920131
PRIORITY APPLN. INFO.:	US 1991-649784	19910201
RELATED DOC. INFO.:	EP 497366	DIV

L192 ANSWER 119 OF 145 EUROPATFULL COPYRIGHT 2002 WILA

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

ACCESSION NUMBER: 741785 EUROPATFULL EW 199944 FS PS  
 TITLE: METHODS AND COMPOSITIONS FOR STIMULATING BONE CELLS.  
 VERFAHREN UND ZUSAMMENSETZUNGEN FÜR DIE STIMULIERUNG VON KNOCHENZELLEN.  
 PROCEDES ET COMPOSITIONS PERMETTANT DE STIMULER DES CELLULES OSSEUSES.  
 INVENTOR(S): Bonadio, Jeffrey, 1870 Brian Ridge Drive, Ann Arbor, MI 48108, US;  
 GOLDSTEIN, Steven, A, 3648 Frederick Drive, Ann Arbor, MI 48105, US  
 PATENT ASSIGNEE(S): THE REGENTS OF THE UNIVERSITY OF MICHIGAN, Technology Management Office, Wolverine Towers, Room 2071, 3003 South State Street, Ann Arbor, Michigan 48109-1280, US  
 PATENT ASSIGNEE NO: 386659  
 AGENT: Dost, Wolfgang, Dr.rer.nat., Dipl.-Chem. et al., Patent- und Rechtsanwaelte Bardehle . Pagenberg . Dost .

Altenburg . Geissler . Isenbruck Galileiplatz 1, 81679  
Muenchen, DE

AGENT NUMBER: 3049  
OTHER SOURCE: EPB1999061 EP 0741785 B1 991103  
SOURCE: Wila-EPS-1999-H44-T1  
DOCUMENT TYPE: Patent  
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch  
DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R  
IE; R IT; R LI; R LU; R MC; R NL; R PT; R SE; R LT; R SI  
PATENT INFO.PUB.TYPE: EPB1 EUROPÄISCHE PATENTSCHRIFT (Internationale  
Anmeldung)

PATENT INFORMATION:

	PATENT NO	KIND DATE
	EP 741785	B1 19991103
'OFFENLEGUNGS' DATE:		19961113
APPLICATION INFO.:	EP 1995-912589	19950221
PRIORITY APPLN. INFO.:	US 1994-199780	19940218
	US 1994-316650	19940930
RELATED DOC. INFO.:	WO 95-US2251	950221 INTAKZ
	WO 9522611	950824 INTPNR
REFERENCE PAT. INFO.:	WO 92-05199 A	WO 93-05751 A
	WO 94-01139 A	DE 4219626 A
REF. NON-PATENT-LIT.:	TRENDS IN GENETICS, vol.8, no.3, pages 97 - 102 V. ROSEN ET AL. 'The BMP proteins in bone formation and repair'	

L192 ANSWER 120 OF 145 EUROPATFULL COPYRIGHT 2002 WILA

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

ACCESSION NUMBER: 741749 EUROPATFULL EW 199921 FS PS  
TITLE: MERCURY BINDING POLYPEPTIDES AND NUCLEOTIDES CODING  
THEREFOR.  
QUECKSILBERBINDENDE POLYPEPTIDE UND DIESE KODIERENDE  
NUKLEOTIDE.  
POLYPEPTIDES DE FIXATION AU MERCURE ET NUCLEOTIDES  
CODANT POUR LESDITS POLYPEPTIDES.  
INVENTOR(S): LOPEZ, Osvaldo, Apartment 8, 1431 "D" Street, Lincoln,  
NE 68502, US;  
WYLIE, Dwane E., 1965 Brower Road, Lincoln, NE 68502,  
US;  
WAGNER, Fred W., Route 1, Box 77B, Walton, NE 68461, US  
PATENT ASSIGNEE(S): BIONEBRASKA, INC., 3820 N.W. 46th Street, Lincoln, NB  
68524, US  
PATENT ASSIGNEE NO: 1322802  
AGENT: Tuerk, Gille, Hrabal, Patentanwaelte - European Patent  
Attorneys, Brucknerstrasse 20, 40593 Duesseldorf, DE  
100971  
AGENT NUMBER:  
OTHER SOURCE: EPB1999031 EP 0741749 B1 990526  
SOURCE: Wila-EPS-1999-H21-T1  
DOCUMENT TYPE: Patent  
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch  
DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R IE; R  
IT; R LI; R NL; R SE  
PATENT INFO.PUB.TYPE: EPB1 EUROPÄISCHE PATENTSCHRIFT (Internationale  
Anmeldung)

PATENT INFORMATION:

	PATENT NO	KIND DATE
	EP 741749	B1 19990526
'OFFENLEGUNGS' DATE:		19961113
APPLICATION INFO.:	EP 1995-908736	19950127
PRIORITY APPLN. INFO.:	US 1994-187407	19940127
RELATED DOC. INFO.:	WO 95-US1199	950127 INTAKZ
	WO 9520607	950803 INTPNR



REFERENCE PAT. INFO.: WO 90-10709 A WO 95-00845 A  
REF. NON-PATENT-LIT.: BIOLOGIE PROSPECTIVE, C.R. COLLOQ. 8TH, 1993 pages  
371-376, SCHUSTER, S.M. ET AL. 'Mercury specific  
monoclonal antibodies ...' ANAL. BIOCHEM., vol. 194,  
1991 pages 381-387, WYLIE, D.E. ET AL. 'Detection of  
mercuric ions in water by ELISA with a mercury- specific  
antibody'

L192 ANSWER 121 OF 145 USPATFULL  
ACCESSION NUMBER: 1998:159926 USPATFULL  
TITLE: Compositions that inhibit wound contraction and methods  
of using same  
INVENTOR(S): Schreiber, Ronda, Ramona, CA, United States  
Polarek, James, Aptos, CA, United States  
PATENT ASSIGNEE(S): La Jolla Cancer Research Foundation, La Jolla, CA,  
United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5851994		19981222
APPLICATION INFO.:	US 1995-473025		19950606 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1994-234979, filed on 28 Apr 1994, now patented, Pat. No. US 5510328		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Davenport, Avis M.		
LEGAL REPRESENTATIVE:	Campbell & Flores LLP		
NUMBER OF CLAIMS:	11		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	6 Drawing Figure(s); 3 Drawing Page(s)		
LINE COUNT:	1038		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides methods for reducing or inhibiting wound contraction in a subject having a wound comprising administering to the subject a pharmaceutical composition comprising a peptide or a polypeptide. The invention provides, for example, a method of reducing or inhibiting wound contraction comprising the administration of a pharmaceutical composition comprising a peptide having more than three consecutive basic amino acids. The invention also provides a method of reducing or inhibiting wound contraction comprising the administration of a pharmaceutical composition comprising a peptide containing the sequence arginine-glycine-aspartic acid and a basic amino acid sequence or a pharmaceutical composition comprising a peptide containing therein a sequence of six consecutive amino acid residues of which at least about four of the six amino acid residues are basic amino acid residues. The invention also provides a method of reducing or inhibiting wound contraction comprising the administration of a pharmaceutical composition comprising decorin.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 122 OF 145 USPATFULL  
ACCESSION NUMBER: 1998:157619 USPATFULL  
TITLE: Protection of plants against plant pathogens  
INVENTOR(S): Mirkov, Theodore Erik, Harlingen, TX, United States  
Fitzmaurice, Leona C., Madison, WI, United States  
PATENT ASSIGNEE(S): Sibia Neurosciences, Inc., La Jolla, CA, United States  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5850025		19981215
APPLICATION INFO.:	US 1997-919093		19970422 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1995-373390, filed on 12 Jan 1995, now abandoned which is a continuation-in-part		

of Ser. No. US 1991-798223, filed on 25 Nov 1991, now patented, Pat. No. US 5422108 which is a continuation-in-part of Ser. No. US 1991-762679, filed on 19 Sep 1991, now abandoned

DOCUMENT TYPE: Utility  
FILE SEGMENT: Granted  
PRIMARY EXAMINER: Fox, David T.  
LEGAL REPRESENTATIVE: Seidman, Stephanie L.Heller Ehrman White & McAuliffe  
NUMBER OF CLAIMS: 18  
EXEMPLARY CLAIM: 1  
LINE COUNT: 2493

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Transgenic plants that express properly processed ruminant or ruminant-like lysozymes and that are resistant to bacterial pathogens, including both gram-negative and gram-positive bacteria, are provided. A preferred embodiment provides transgenic tobacco plants that express a sufficient concentration of properly processed bovine lysozyme c2 to render the plants less susceptible to bacterial plant pathogens.

Methods and compositions for treatment of plants, seeds and other plant tissues prior to or after exposure or infection with bacterial plant pathogens are also provided. In particular, compositions and methods of contacting plants with such compositions that contain a concentration of bovine lysozyme c2 or other ruminant or ruminant-like lysozyme are provided.

A signal sequence that is effective for properly processing heterologous proteins that are expressed in transgenic plants is also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 123 OF 145 USPATFULL  
ACCESSION NUMBER: 1998:138941 USPATFULL  
TITLE: Synthetic catalytic free radical scavengers useful as antioxidants for prevention and therapy of disease  
INVENTOR(S): Malfroy-Camine, Bernard, Arlington, MA, United States  
Doctrow, Susan Robin, Roslindale, MA, United States  
PATENT ASSIGNEE(S): Eukarion, Inc., Bedford, MA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5834509		19981110
APPLICATION INFO.:	US 1995-479697		19950607 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1995-380731, filed on 26 Jan 1995 which is a continuation-in-part of Ser. No. US 1992-987474, filed on 7 Dec 1992, now patented, Pat. No. US 5403834		

	NUMBER	DATE
PRIORITY INFORMATION:	WO 1993-US11857	19931206
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Jarvis, William R. A.	
LEGAL REPRESENTATIVE:	Townsend and Townsend and Crew LLP	
NUMBER OF CLAIMS:	5	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	28 Drawing Figure(s); 19 Drawing Page(s)	
LINE COUNT:	3384	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention provides salen-manganese complexes and pharmaceutically acceptable compositions thereof useful as antioxidants and free radical scavengers.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 124 OF 145   USPATFULL  
ACCESSION NUMBER:       1998:138730   USPATFULL  
TITLE:                   **Recombinant** stratum corneum chymotryptic  
                          enzyme (SCCE)  
INVENTOR(S):            Egelrud, Torbjorn, Ume.ang., Sweden  
                          Hansson, Lennart, Ume.ang., Sweden  
PATENT ASSIGNEE(S):     Astra Aktiebolag, Sodertalje, Sweden (non-U.S.  
                          corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5834290		19981110
	WO 9500651		19950105
APPLICATION INFO.:	US 1995-557146		19951214   (8)
	WO 1994-IB166		19940620
			19951214   PCT 371 date
			19951214   PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	DK 1993-725	19930618
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Hendricks, Keith D.	
ASSISTANT EXAMINER:	Moore, William W.	
LEGAL REPRESENTATIVE:	White & Case L.L.P.	
NUMBER OF CLAIMS:	12	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	36 Drawing Figure(s); 22 Drawing Page(s)	
LINE COUNT:	2993	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB     The present invention relates to a polypeptide having the amino acid sequence SEQ ID NO:2 or an analogue or variant thereof having SCCE activity as defined in the present application, such as a polypeptide having a subsequence of the amino acid sequence SEQ ID NO:2. Furthermore, the present invention relates to nucleotide sequences encoding polypeptides having SCCE activity as well as to expression systems, expression vectors, plasmids and non-human organisms comprising said nucleotide sequences. Important aspects of the present invention relate to pharmaceutical, **cosmetic** and **skin** care compositions comprising a polypeptide having SCCE activity, and the use of a polypeptide having SCCE activity for the treatment or prophylaxis of various diseases such as acne, xeroderma or other hyperkeratotic conditions such as callosities and keratosis pilaris as well as the various ichthyoses, psoriasis and other inflammatory **skin** diseases such as eczemas. Moreover, the present invention relates to the use of a compound which has an inhibitory effect on the enzymatic activity of native SCCE for the manufacture of a pharmaceutical composition for treatment or prophylaxis of autoimmune pemphigus diseases or acantholytic diseases such as familiar pemphigus and Darier's disease.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 125 OF 145   USPATFULL  
ACCESSION NUMBER:       1998:131743   USPATFULL  
TITLE:                   Synthetic catalytic free radical scavengers useful as  
                          antioxidants for prevention and therapy of disease  
INVENTOR(S):            Malfroy-Camine, Bernard, Arlington, MA, United States  
                          Doctrow, Susan Robin, Roslindale, MA, United States  
PATENT ASSIGNEE(S):     Eukarion, Inc., Bedford, MA, United States (U.S.  
                          corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5827880		19981027
APPLICATION INFO.:	US 1995-380731		19950126 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1992-987474, filed on 7 Dec 1992, now patented, Pat. No. US 5403834		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Nazario-Gonzalez, Porfirio		
LEGAL REPRESENTATIVE:	Townsend and Townsend and Crew LLP		
NUMBER OF CLAIMS:	13		
EXEMPLARY CLAIM:	1,12		
NUMBER OF DRAWINGS:	28 Drawing Figure(s); 19 Drawing Page(s)		
LINE COUNT:	3241		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides antioxidant salen-metal complexes, compositions of such antioxidant salen-metal complexes having superoxide activity, catalase activity, and/or peroxidase activity, compositions of salen-metal complexes in a form suitable for pharmaceutical administration to treat or prevent a disease associated with cell or tissue damage produced by free radicals such as superoxide, and **cosmetic** and free radical quenching formulations of salen metal compounds.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 126 OF 145 USPATFULL  
 ACCESSION NUMBER: 1998:88670 USPATFULL  
 TITLE: Heterologous protein comprising avian alpha-subunit inhibin protein and methods of producing same  
 INVENTOR(S): Kousoulas, Konstantin, Baton Rouge, LA, United States  
 Satterlee, Daniel G., Prairieville, LA, United States  
 Fioretti, William C., Colleyville, TX, United States  
 PATENT ASSIGNEE(S): Agritech Technologies Ltd., Grand Prairie, TX, United States (U.S. corporation)  
 Board of Supervisors of Louisiana State University and Agricultural & Mechanical College, Baton Rouge, LA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5786179		19980728
APPLICATION INFO.:	US 1995-482638		19950607 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1995-395554, filed on 28 Feb 1995, now abandoned which is a continuation-in-part of Ser. No. US 1994-202964, filed on 28 Feb 1994, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Fitzgerald, David L.		
ASSISTANT EXAMINER:	Kemmerer, Elizabeth C.		
LEGAL REPRESENTATIVE:	Jones & Askew		
NUMBER OF CLAIMS:	7		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 2 Drawing Page(s)		
LINE COUNT:	2841		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates, in general, to a method of enhancing the production performance of avians, by administering to a bird a heterologous protein comprised of inhibin protein, or a fragment thereof, and a carrier protein. The present invention also relates to a method of enhancing the production performance of avians, by administering to a bird a fusion gene product comprising a gene encoded for the expression of alpha-subunit avian inhibin protein, or a fragment thereof, and a gene encoded for the expression of a carrier protein. An

effective amount of the heterologous protein or fusion gene product is administered to an animal such that an immunological response occurs in the animal against the heterologous protein. The present invention further relates to the above heterologous protein and fusion gene product, and to methods of producing the same.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 127 OF 145 USPATFULL  
ACCESSION NUMBER: 1998:65199 USPATFULL  
TITLE: Gene transfer into bone cells and tissues  
INVENTOR(S): Bonadio, Jeffrey, Ann Arbor, MI, United States  
Goldstein, Steven A., Ann Arbor, MI, United States  
PATENT ASSIGNEE(S): The Regent of the University of Michigan, Ann Arbor,  
MI, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5763416		19980609
APPLICATION INFO.:	US 1994-199780		19940218 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Ziska, Suzanne E.		
LEGAL REPRESENTATIVE:	Arnold, White & Durkee		
NUMBER OF CLAIMS:	77		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	25 Drawing Figure(s); 14 Drawing Page(s)		
LINE COUNT:	3487		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are methods, compositions and devices for use in transferring nucleic acids into bone cells in situ. The transfer of an osteotropic gene into bone progenitor cells is described, which event is shown to stimulate the progenitor cells and to promote bone growth, repair and regeneration in vivo. These gene transfer protocols are suitable for use in transferring various nucleic acid materials into bone, and have many uses, for example, in treating various bone-related diseases and defects, such as, in promoting fracture repair, use in connection with implants, and in treating osteoporosis and osteogenesis imperfecta.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 128 OF 145 USPATFULL  
ACCESSION NUMBER: 1998:48573 USPATFULL  
TITLE: Fusion gene products encoding avian alpha subunit  
inhibin protein, or an immunogenic fragment thereof,  
and a carrier protein  
INVENTOR(S): Fioretti, William C., Colleyville, TX, United States  
Kousoulas, Konstantin, Baton Route, LA, United States  
Satterlee, Daniel G., Prairieville, LA, United States  
PATENT ASSIGNEE(S): Agritech Technologies, Ltd., Grand Prairie, TX, United  
States (U.S. corporation)  
Board of Supervisors of Louisiana State Univ. and  
Agricultural & Mechanical College, Baton Rouge, LA,  
United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5747659		19980505
APPLICATION INFO.:	US 1995-480493		19950607 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1995-481633, filed on 7 Jun 1995 which is a continuation-in-part of Ser. No. US 1995-395554, filed on 28 Feb 1995, now abandoned which is a continuation-in-part of Ser. No. US 1994-202964, filed on 28 Feb 1994, now abandoned		
DOCUMENT TYPE:	Utility		

FILE SEGMENT: Granted  
PRIMARY EXAMINER: Walsh, Stephen  
ASSISTANT EXAMINER: Kemmerer, Elizabeth C.  
LEGAL REPRESENTATIVE: Jones & Askew  
NUMBER OF CLAIMS: 11  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 2 Drawing Figure(s); 2 Drawing Page(s)  
LINE COUNT: 2880

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates, in general, to a method of enhancing the production performance of avians, by administering to a bird a heterologous protein comprised of inhibin protein, or a fragment thereof, and a carrier protein. The present invention also relates to a method of enhancing the production performance of avians, by administering to a bird a fusion gene product comprising a gene encoded for the expression of alpha-subunit avian inhibin protein, or a fragment thereof, and a gene encoded for the expression of a carrier protein. An effective amount of the heterologous protein or fusion gene product is administered to an animal such that an immunological response occurs in the animal against the heterologous protein. The present invention further relates to the above heterologous protein and fusion gene product, and to methods of producing the same.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 129 OF 145 USPATFULL  
ACCESSION NUMBER: 1998:24922 USPATFULL  
TITLE: Methods of enhancing production performance of birds comprising administration of heterologous protein comprising avian alpha-subunit inhibin protein  
INVENTOR(S): Fioretti, William C., Colleyville, TX, United States  
Kousoulas, Konstantin, Baton Rouge, LA, United States  
Satterlee, Daniel G., Prairieville, LA, United States  
PATENT ASSIGNEE(S): Agritech Technologies, Ltd., Grand Prairie, TX, United States (U.S. corporation)  
Board of Supervisors of Louisiana State Univ. and Agricultural & Mechanical College, Baton Rouge, LA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5725858		19980310
APPLICATION INFO.:	US 1995-481633		19950607 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1995-395554, filed on 28 Feb 1995, now abandoned which is a continuation-in-part of Ser. No. US 1994-202964, filed on 28 Feb 1994, now abandoned		

DOCUMENT TYPE: Utility  
FILE SEGMENT: Granted  
PRIMARY EXAMINER: Fitzgerald, David L.  
ASSISTANT EXAMINER: Kemmerer, Elizabeth C.  
LEGAL REPRESENTATIVE: Jones & Askew  
NUMBER OF CLAIMS: 20  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 2 Drawing Figure(s); 2 Drawing Page(s)  
LINE COUNT: 2855

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates, in general, to a method of enhancing the production performance of avians, by administering to a bird a heterologous protein comprised of inhibin protein, or a fragment thereof, and a carrier protein. The present invention also relates to a method of enhancing the production performance of avians, by administering to a bird a fusion gene product comprising a gene encoded for the expression of alpha-subunit avian inhibin protein, or a fragment thereof, and a gene encoded for the expression of a carrier protein. An

effective amount of the heterologous protein or fusion gene product is administered to an animal such that an immunological response occurs in the animal against the heterologous protein. The present invention further relates to the above heterologous protein and fusion gene product, and to methods of producing the same.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 130 OF 145 PROMT COPYRIGHT 2002 Gale Group

ACCESSION NUMBER: 2000:436076 PROMT  
TITLE: Pharmaceutical Excipients for the Stabilization of Proteins.  
AUTHOR(S): Wong, David; Parasrampur, Jagdish  
SOURCE: BioPharm, (Nov 1997) Vol. 10, No. 11, pp. 52.  
ISSN: 1040-8304.  
PUBLISHER: Advanstar Communications, Inc.  
DOCUMENT TYPE: Newsletter  
LANGUAGE: English  
WORD COUNT: 7177

\*FULL TEXT IS AVAILABLE IN THE ALL FORMAT\*

AB The use of peptides and proteins in medical treatments has become popular as a result of advances in biotechnology. However, their complicated structures make these substances highly susceptible to degradation. This article reviews the basic structures of peptides and proteins, the causes and mechanisms of their degradation, and some possible approaches for improving their stability.

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Subscription: \$59.00 per year. Published monthly. 131 West First Street, Duluth, MN 55082.

L192 ANSWER 131 OF 145 USPATFULL  
ACCESSION NUMBER: 97:115268 USPATFULL  
TITLE: Synthetic catalytic free radical scavengers useful as antioxidants for prevention and therapy of disease  
INVENTOR(S): Malfroy-Camine, Bernard, Arlington, MA, United States  
Doctrow, Susan Robin, Roslindale, MA, United States  
PATENT ASSIGNEE(S): Eukarion, Inc., Bedford, MA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5696109		19971209
APPLICATION INFO.:	US 1995-485489		19950607 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1995-380731, filed on 26 Jan 1995 which is a continuation-in-part of Ser. No. US 1992-987474, filed on 7 Dec 1992, now patented, Pat. No. US 5403834		

	NUMBER	DATE
PRIORITY INFORMATION:	WO 1993-US11857	19931206
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Jarvis, William R. A.	
LEGAL REPRESENTATIVE:	Townsend and Townsend and Crew LLP	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	28 Drawing Figure(s); 19 Drawing Page(s)	
LINE COUNT:	3441	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides antioxidant salen-metal complexes, compositions of such antioxidant salen-metal complexes having superoxide activity, catalase activity, and/or peroxidase activity, compositions of

salen-metal complexes in a form suitable for pharmaceutical administration to treat a disease associated with cell or tissue damage produced by free radicals such as superoxide, and **cosmetic** and free radical quenching formulations of salen metal compounds.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 132 OF 145 USPATFULL

ACCESSION NUMBER: 97:91383 USPATFULL

TITLE: Process for making yeast cells resistant to extreme high pressure

INVENTOR(S): Bissinger, Peter H., 2-58 Darlington Drive, Sherrybrook, New South Wales 2113, Australia  
Schiestl, Robert H., 6 Furnival Rd., Boston, MA, United States 02130  
Davidson, John F., 11 Adelaide St. No. 2, Jamaica Plain, MA, United States 02130

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5674721		19971007
APPLICATION INFO.:	US 1994-235569		19940429 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1992-926949, filed on 10 Aug 1992, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Chambers, Jasemine C.		
ASSISTANT EXAMINER:	Priebe, Scott D.		
LEGAL REPRESENTATIVE:	Greenwald, Howard J.		
NUMBER OF CLAIMS:	7		
EXEMPLARY CLAIM:	1,4		
NUMBER OF DRAWINGS:	4 Drawing Figure(s); 4 Drawing Page(s)		
LINE COUNT:	1528		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Novel dividing cells of the yeast *Saccharomyces*. A first portion of dividing yeast cells is transformed with DNA encoding superoxide dismutase protein and DNA encoding catalase protein, and a second portion of yeast cells is not transformed with DNA grown at the same cell density as the first portion. When both portions of cells are heated in the presence of oxygen containing gas to a temperature of 50 degrees Celsius and are maintained at such temperature for 20 minutes, at least twice as many cells of the first portion of cells survive.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 133 OF 145 USPATFULL

ACCESSION NUMBER: 97:68440 USPATFULL

TITLE: Use of fibromodulin to prevent or reduce dermal scarring

INVENTOR(S): Ruoslahti, Erkki I., Rancho Santa Fe, CA, United States  
Longaker, Michael T., San Francisco, CA, United States  
Whitby, David J., Adel, United Kingdom

PATENT ASSIGNEE(S): La Jolla Cancer Research Foundation, La Jolla, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5654270		19970805
APPLICATION INFO.:	US 1994-303238		19940908 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1992-978931, filed on 17 Nov 1992, now abandoned which is a continuation-in-part of Ser. No. US 1992-882345, filed on 13 May 1992, now abandoned which is a continuation of Ser. No. US 1991-792192, filed on 14 Nov 1991, now abandoned which is a continuation-in-part of Ser. No. US 1990-467888,		



filed on 22 Jan 1990, now abandoned which is a  
continuation-in-part of Ser. No. US 1988-212702, filed  
on 28 Jun 1988, now abandoned

DOCUMENT TYPE: Utility  
FILE SEGMENT: Granted  
PRIMARY EXAMINER: Fitzgerald, David L.  
LEGAL REPRESENTATIVE: Campbell & Flores LLP  
NUMBER OF CLAIMS: 2  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 29 Drawing Figure(s); 20 Drawing Page(s)  
LINE COUNT: 1648

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides a method of inhibiting an activity of a cell regulatory factor which includes contacting the cell regulatory factor with a purified polypeptide, the polypeptide including the cell regulatory factor binding domain of a protein which is characterized by a leucine-rich repeat of about 24 amino acids. The present invention relates to the ability of decorin, a 40,000 dalton protein that usually carries a glycosaminoglycan chain, to bind TGF- $\beta$ . The invention also provides a novel cell regulatory factor designated MRF. Also provided are methods of identifying, detecting and purifying cell regulatory factors and proteins which bind and affect the activity of cell regulatory factors. The present invention further relates to methods for the prevention or reduction of scarring by administering decorin or a functional equivalent of decorin to a wound. The methods are particularly useful for dermal wounds resulting from burns, injuries or surgery. In addition, the present invention includes pharmaceutical compositions containing decorin or its functional equivalent and a pharmaceutically acceptable carrier useful in such methods. Finally, methods for preventing or inhibiting pathological conditions by administering decorin are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 134 OF 145 USPATFULL  
ACCESSION NUMBER: 97:1439 USPATFULL  
TITLE: Beneficial wound healing applications of calreticulin and other hyaluronan-associated proteins  
INVENTOR(S): Siebert, John W., New York, NY, United States  
Garg, Hari G., Belmont, MA, United States  
Gold, Leslie I., New York, NY, United States  
PATENT ASSIGNEE(S): New York University, New York, NY, United States (U.S. corporation)  
The General Hospital Corp., Boston, MA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5591716		19970107
APPLICATION INFO.:	US 1993-155933		19931119 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Sayala, Chhaya D.		
LEGAL REPRESENTATIVE:	Morrison & Foerster LLP		
NUMBER OF CLAIMS:	14		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	4 Drawing Figure(s); 4 Drawing Page(s)		
LINE COUNT:	1492		

AB Hyaluronan associated proteins, in particular calreticulin, promote the accelerated and relatively scarless healing of wounds. Methods for treating wounds using such proteins, and pharmaceutical compositions comprising such proteins, are provided.

L192 ANSWER 135 OF 145 EUROPATFULL COPYRIGHT 2002 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 780122 EUROPATFULL EW 199726 FS OS  
 TITLE: DEPRESSANT OF FUNCTIONS DEVELOPED BY MOLECULE.  
 MITTEL ZUM HERABSETZEN VON MOLEKUELFUNKTIONEN.  
 DEPRESSEUR DE FONCTIONS DEVELOPPEES PAR UNE MOLECULE.  
 INVENTOR(S): KOYAMA, Shozo, 48-2, Oazasatoyamabe Matsumoto-shi,  
 Nagano 390-02, JP;  
 YAMAGUCHI, Yoshihiro, Manjuzukashukusha 3 7-4, Arigasaki  
 3-chome, Matsumoto-shi Nagano 390, JP  
 PATENT ASSIGNEE(S): Koyama, Shozo, 48-2, Oazasatoyamabe, Matsumoto-shi,  
 Nagano 390-02, JP  
 PATENT ASSIGNEE NO: 2120300  
 AGENT: Liedl, Christine, Dipl.-Chem. et al,  
 Albert-Rosshaupter-Strasse 65, 81369 Muenchen, DE  
 AGENT NUMBER: 72482  
 OTHER SOURCE: ESP1997035 EP 0780122 A1 970625  
 SOURCE: Wila-EPZ-1997-H26-T1b  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Anmeldung in Japanisch; Veroeffentlichung in Englisch;  
 Verfahren in Englisch  
 DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R  
 IE; R IT; R LI; R NL; R PT; R SE  
 PATENT INFO.PUB.TYPE: EPA1 EUROPAEISCHE PATENTANMELDUNG (Internationale  
 Anmeldung)

PATENT INFORMATION:

	PATENT NO	KIND	DATE
	EP 780122	A1	19970625
'OFFENLEGUNGS' DATE:			19970625
APPLICATION INFO.:	EP 1995-930716		19950907
PRIORITY APPLN. INFO.:	JP 1994-252660		19940909
RELATED DOC. INFO.:	WO 95-JP1783	950907	INTAKZ
	WO 9607403	960314	INTPNR

L192 ANSWER 136 OF 145 USPATFULL  
 ACCESSION NUMBER: 96:43765 USPATFULL  
 TITLE: Reverse antimicrobial peptides  
 INVENTOR(S): Mapelli, Claudio, Princeton, NJ, United States  
 Swerdloff, Michael D., Princeton, NJ, United States  
 Williams, Jon I., Robbinsville, NJ, United States  
 Everett, Nicholas P., Pennington City, NJ, United  
 States  
 PATENT ASSIGNEE(S): Enichem S.p.A., Italy (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5519115		19960521
APPLICATION INFO.:	US 1993-164151		19931209 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1991-649784, filed on 1 Feb 1991, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Schain, Howard E.		
ASSISTANT EXAMINER:	Huff, Sheela J.		
LEGAL REPRESENTATIVE:	Lerner, David, Littenberg, Krumholz & Mentlik		
NUMBER OF CLAIMS:	22		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	1 Drawing Figure(s); 1 Drawing Page(s)		
LINE COUNT:	4886		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to several types of antimicrobial peptides  
 including reverse antimicrobial peptides, antimicrobial oligopeptides  
 and other antimicrobial compositions, such as cecropin P1. The present

invention also relates to the use of these antimicrobial peptides to provide organisms, and, in particular, plants, with protection from microbial pathogens. Finally, the present invention relates to a screening method which may be useful for determining the phytotoxicity of an antimicrobial peptide.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 137 OF 145 USPATFULL  
ACCESSION NUMBER: 96:34104 USPATFULL  
TITLE: Compositions that inhibit wound contraction and methods of using same  
INVENTOR(S): Polarek, James, Del Mar, CA, United States  
Tamura, Richard, San Diego, CA, United States  
Harper, John, Carlsbad, CA, United States  
PATENT ASSIGNEE(S): La Jolla Cancer Research Foundation, La Jolla, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5510328		19960423
APPLICATION INFO.:	US 1994-234979		19940428 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Warden, Jill		
ASSISTANT EXAMINER:	Prickril, Benet		
LEGAL REPRESENTATIVE:	Campbell and Flores		
NUMBER OF CLAIMS:	2		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	7 Drawing Figure(s); 4 Drawing Page(s)		
LINE COUNT:	948		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides methods for reducing or inhibiting wound contraction in a subject having a wound comprising administering to the subject a pharmaceutical composition comprising a peptide or a polypeptide. The invention provides, for example, a method of reducing or inhibiting wound contraction comprising the administration of a pharmaceutical composition comprising a peptide having more than three consecutive basic amino acids. The invention also provides a method of reducing or inhibiting wound contraction comprising the administration of a pharmaceutical composition comprising decorin.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 138 OF 145 EUROPATFULL COPYRIGHT 2002 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 726317 EUROPATFULL EW 199633 FS OS STA R  
TITLE: Bacillus-derived transglutaminase.  
Aus Bacillus stammende Transglutaminase.  
Transglutaminase obtenu de Bacillus.  
INVENTOR(S): Kobayashi, Katsunori, c/o Central Res. Lab., Ajinomoto Co., Inc., No. 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa-ken, JP;  
Yamanaka, Shigeru, c/o Central Res. Laboratories, Ajinomoto Co., Inc., No. 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa-ken, JP;  
Miwa, Kiyoshi, c/o Central Res. Laboratories, Ajinomoto Co., Inc., No. 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa-ken, JP;  
Suzuki, Shunichi, c/o Central Res. Laboratories, Ajinomoto Co., Inc., No. 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa-ken, JP;  
Eto, Yuzuru, c/o Central Res. Laboratories, Ajinomoto

Co., Inc., No. 1-1, Suzuki-cho, Kawasaki-ku,  
 Kawasaki-shi, Kanagawa-ken, JP;  
 Tanita, Yuko, c/o Central Res. Laboratories, Ajinomoto  
 Co., Inc., No. 1-1, Suzuki-cho, Kawasaki-ku,  
 Kawasaki-shi, Kanagawa-ken, JP;  
 Yokozeki, Kenzo, c/o Central Res. Laboratories,  
 Ajinomoto Co., Inc., No. 1-1, Suzuki-cho, Kawasaki-ku,  
 Kawasaki-shi, Kanagawa-ken, JP;  
 Hashiguchi, Kenichi, c/o Central Res. Laboratories,  
 Ajinomoto Co., Inc., No. 1-1, Suzuki-cho, Kawasaki-ku,  
 Kawasaki-shi, Kanagawa-ken, JP  
 PATENT ASSIGNEE(S): Ajinomoto Co., Inc., No. 15-1, Kyobashi 1-chome,  
 Chuo-ku, Tokyo 104, JP  
 PATENT ASSIGNEE NO: 201191  
 AGENT: Strehl Schuebel-Hopf Groening & Partner,  
 Maximilianstrasse 54, 80538 Muenchen, DE  
 AGENT NUMBER: 100941  
 OTHER SOURCE: ESP1996042 EP 0726317 A2 960814  
 SOURCE: Wila-EPZ-1996-H33-T1a  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch  
 DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R  
 IE; R IT; R LI; R LU; R MC; R NL; R PT; R SE  
 PATENT INFO.PUB.TYPE: EPA2 EUROPAEISCHE PATENTANMELDUNG  
 PATENT INFORMATION:

PATENT NO	KIND	DATE
EP 726317	A2	19960814
		19960814
EP 1996-101905		19960209
JP 1995-21963		19950209
JP 1995-226316		19950904
JP 1996-13072		19960129

L192 ANSWER 139 OF 145 USPATFULL  
 ACCESSION NUMBER: 95:99249 USPATFULL  
 TITLE: Compositions for identification of papillomavirus  
 replication inhibitors  
 INVENTOR(S): Botchan, Michael R., Kensington, CA, United States  
 Clark, Robin, Oakland, CA, United States  
 Mohr, Ian J., Berkeley, CA, United States  
 Sun, Shaw, Fremont, CA, United States  
 PATENT ASSIGNEE(S): Cetus Oncology Corporation, Emeryville, CA, United  
 States (U.S. corporation).  
 University of California, Oakland, CA, United States  
 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5464936		19951107
APPLICATION INFO.:	US 1990-632027		19901221 (7)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Draper, Garnette D.		
ASSISTANT EXAMINER:	Carlson, K. Cochrane		
LEGAL REPRESENTATIVE:	Reed & Robins		
NUMBER OF CLAIMS:	4		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	6 Drawing Figure(s); 5 Drawing Page(s)		
LINE COUNT:	1001		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Medicaments, and methods of identifying the same, are described that are  
 useful for treating papillomavirus diseases that have the  
 characteristics of preventing, interfering with, or reversing the  
 binding of the appropriate papillomavirus proteins E1 or E2 to a

nucleotide sequence homologous to a nucleotide sequence present in the papillomavirus genome, or of the formation of a complex consisting of papillomavirus proteins E1 and E2, or the binding of the complex to the nucleotide sequence.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 140 OF 145   USPATFULL  
ACCESSION NUMBER:       95:49933   USPATFULL  
TITLE:                   Protection of plants against plant pathogens  
INVENTOR(S):            Mirkov, T. Erik, San Diego, CA, United States  
                          Fitzmaurice, Leona C., San Diego, CA, United States  
PATENT ASSIGNEE(S):     Smart Plants International Inc., Madison, WI, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5422108		19950606
APPLICATION INFO.:	US 1991-798223		19911125 (7)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1991-762679, filed on 19 Sep 1991, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Robinson, Douglas W.		
ASSISTANT EXAMINER:	Witz, Jean C.		
LEGAL REPRESENTATIVE:	Spensley Horn Jubas & Lubitz		
NUMBER OF CLAIMS:	21		
EXEMPLARY CLAIM:	1		
LINE COUNT:	2214		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB   Transgenic plants that express properly processed ruminant or ruminant-like lysozymes and that are resistant to bacterial pathogens, including both gram-negative and gram-positive bacteria, are provided. A preferred embodiment provides transgenic tobacco plants that express a sufficient concentration of properly processed bovine lysozyme c2 to render the plants less susceptible to bacterial plant pathogens.

Methods and compositions for treatment of plants, seeds and other plant tissues prior to or after exposure or infection with bacterial plant pathogens are also provided. In particular, compositions and methods of contacting plants with such compositions that contain a concentration of bovine lysozyme c2 or other ruminant or ruminant-like lysozyme are provided.

A signal sequence that is effective for properly processing heterologous proteins that are expressed in transgenic plants is also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 141 OF 145   USPATFULL  
ACCESSION NUMBER:       95:29636   USPATFULL  
TITLE:                   Synthetic catalytic free radical scavengers useful as antioxidants for prevention and therapy of disease  
INVENTOR(S):            Malfroy-Camine, Bernard, Arlington, MA, United States  
                          Baudry, Michel, Long Beach, CA, United States  
PATENT ASSIGNEE(S):     Eukarion, Inc., Arlington, MA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5403834		19950404
APPLICATION INFO.:	US 1992-987474		19921207 (7)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Henley, III, Raymond		

ASSISTANT EXAMINER: Criares, T. J.  
 LEGAL REPRESENTATIVE: Dunn, Tracy J.  
 NUMBER OF CLAIMS: 6  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 9 Drawing Figure(s); 6 Drawing Page(s)  
 LINE COUNT: 1742  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 AB The invention provides antioxidant salen-metal complexes in a form suitable for pharmaceutical administration to treat or prevent a disease associated with cell or tissue damage produced by free radicals such as superoxide.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 142 OF 145 EUROPATFULL COPYRIGHT 2002 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 614672 EUROPATFULL EW 199437 FS OS STA B  
 TITLE: Biocompatible medical devices.  
 Biovertraegliches medizinisches Geraet.  
 Dispositif medical biocompatible.  
 INVENTOR(S): Gruskin, Elliott A., 23 Beach Tree Ridge, Killingworth, CT 06419, US  
 PATENT ASSIGNEE(S): United States Surgical Corporation, 150 Glover Avenue, Norwalk, Connecticut 06856, US  
 PATENT ASSIGNEE NO: 304771  
 AGENT: Marsh, Roy David et al, Hoffmann Eitle & Partner Patent- und Rechtsanwaelte Arabellastrasse 4, D-81925 Muenchen, DE  
 AGENT NUMBER: 45982  
 OTHER SOURCE: ESP1994064 EP 0614672 A1 940914  
 SOURCE: Wila-EPZ-1994-H37-T1b  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch  
 DESIGNATED STATES: R DE; R FR; R GB; R IT  
 PATENT INFO.PUB.TYPE: EPA1 EUROPAEISCHE PATENTANMELDUNG  
 PATENT INFORMATION:

	PATENT NO	KIND	DATE
	EP 614672	A1	19940914
'OFFENLEGUNGS' DATE:			19940914
APPLICATION INFO.:	EP 1993-121122		19931230
PRIORITY APPLN. INFO.:	US 1992-999520		19921231

L192 ANSWER 143 OF 145 USPATFULL  
 ACCESSION NUMBER: 93:48399 USPATFULL  
 TITLE: DNA sequences encoding bVEGF120 and hVEGF121 and methods for the production of bovine and human vascular endothelial cell growth factors, bVEGF.sub.120 and hVEGF.sub.121  
 INVENTOR(S): Tischer, Edmund G., Palo Alto, CA, United States  
 Abraham, Judith A., Sunnyvale, CA, United States  
 Fiddes, John C., Palo Alto, CA, United States  
 Mitchell, Richard L., Sunnyvale, CA, United States  
 PATENT ASSIGNEE(S): Scios Nova Inc., Mountain View, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5219739		19930615
APPLICATION INFO.:	US 1990-559041		19900727 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1989-450883, filed on 14 Dec 1989 which is a continuation-in-part of Ser. No. US 1989-387545, filed on 27 Jul 1989, now abandoned		

DOCUMENT TYPE: Utility  
FILE SEGMENT: Granted  
PRIMARY EXAMINER: Hill, Jr., Robert J.  
ASSISTANT EXAMINER: Allen, Marianne Porta  
LEGAL REPRESENTATIVE: Shearer, Peter R.  
NUMBER OF CLAIMS: 8  
EXEMPLARY CLAIM: 1,2  
NUMBER OF DRAWINGS: 14 Drawing Figure(s); 14 Drawing Page(s)  
LINE COUNT: 2551

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Isolated DNA sequences, expression vectors and transformant cells are provided which allow for the large scale production of vascular endothelial cell growth factor. The vascular endothelial cell growth factor is useful in the treatment of wounds in which neovascularization or reendothelialization is required for healing.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 144 OF 145 USPATFULL  
ACCESSION NUMBER: 93:20691 USPATFULL  
TITLE: Production of vascular endothelial cell growth factor  
INVENTOR(S): Tischer, Edmund G., Palo Alto, CA, United States  
Abraham, Judith A., Sunnyvale, CA, United States  
Fiddes, John C., Palo Alto, CA, United States  
Mitchell, Richard L., Sunnyvale, CA, United States  
PATENT ASSIGNEE(S): California Biotechnology Inc., Mountain View, CA,  
United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5194596		19930316
APPLICATION INFO.:	US 1989-450883		19891214 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1989-387545, filed on 27 Jul 1989, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Nucker, Christine M.		
ASSISTANT EXAMINER:	Sidberry, H. F.		
LEGAL REPRESENTATIVE:	Shearer, Peter R.		
NUMBER OF CLAIMS:	2		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	9 Drawing Figure(s); 9 Drawing Page(s)		
LINE COUNT:	2011		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB There is described an isolated vascular endothelial cell growth factor selected from the group consisting of bovine vascular endothelial cell growth factor of 120 amino acids and human vascular endothelial cell growth factor of 121 amino acids. The vascular endothelial cell growth factor is useful in the treatment of wounds in which neovascularization or reendothelialization is required for healing.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L192 ANSWER 145 OF 145 EUROPATFULL COPYRIGHT 2002 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 497366 EUROPATFULL EW 199232 FS OS STA B  
TITLE: Antimicrobial peptides and their use against plant pathogens.  
Antimikrobielle Peptide und ihre Verwendung gegen Pflanzenpathogene.  
Peptides antimicrobiens et leur utilization contre les pathogenes des plantes.  
INVENTOR(S): Mapelli, Claudio, Dr., 107, Delemere Drive, Princeton,

New Jersey 08540, US;  
 Dugas de Robertis, Catherine, Dr., 213, Wood Mill Dr.,  
 Cranbury, New Jersey 08512, US;  
 Stahl, Geraldine Frances, Dr., 1006, Lyndale Ave.,  
 Trenton, New Jersey 08629, US;  
 Bascomb, Newell Fred, Dr., 9, Gallo Court,  
 Lawrenceville, New Jersey 08648, US;  
 Swerdloff, Michael Dennis, Dr., 14, Aldgate Court,  
 Princeton, New Jersey 08540, US;  
 Williams, Jon Ira, Dr., 11, Darvel Drive, Robbinsville,  
 New Jersey 08691, US;  
 Everett, Nicholas Paul, Dr., 292J, Burd Road, Pennington  
 City, New Jersey 08534, US  
 PATENT ASSIGNEE(S): ISTITUTO GUIDO DONEGANI S.p.A., 4, Via Fauser, I-28100  
 Novara, IT  
 PATENT ASSIGNEE NO: 456331  
 AGENT: Weinhold, Peter, Dr. et al, Patentanwalt Dipl.-Ing. G.  
 Dannenberg Dr. P. Weinhold Dr. D. Gudel Dipl.-Ing. S.  
 Schubert Dr. P. Barz Siegfriedstrasse 8, W-8000 Muenchen  
 40, DE  
 AGENT NUMBER: 12857  
 OTHER SOURCE: ESP1992054 EP 0497366 A2 920805  
 SOURCE: Wila-EPZ-1992-H32-T1  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch  
 DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R  
 IT; R LI; R LU; R NL; R SE  
 PATENT INFO.PUB.TYPE: EPA2 EUROPAEISCHE PATENTANMELDUNG  
 PATENT INFORMATION:

PATENT NO	KIND	DATE
EP 497366	A2	19920805
		19920805
APPLICATION INFO.: EP 1992-101616		19920131
PRIORITY APPLN. INFO.: US 1991-649784		19910201

=>



## WEST Search History

DATE: Tuesday, June 11, 2002

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,EPAB,DWPI; PLUR=YES; OP=OR</i>			
L8	L3 and (region adj VI)	4	L8
L7	L6 and (region adj VI)	1	L7
L6	L5 and recombinant	122	L6
L5	L3 and cosmetic and mutation	198	L5
L4	L3 and cosmetic	821	L4
L3	serum adj albumin and skin	8397	L3
<i>DB=USPT; PLUR=YES; OP=OR</i>			
L2	6036966.pn.	1	L2
L1	5726040.pn.	1	L1

END OF SEARCH HISTORY

## WEST Search History

DATE: Monday, February 24, 2003

### Set Name Query

side by side

### Hit Count Set Name

result set

*DB=USPT,PGPB,EPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES;  
OP=ADJ*

L7	(recombinant or muta\$ or modif\$) same (serum adj albumin) and ((cosmetic or dermatological) same (skin? or hair?))	0	L7
L6	(recombinant or muta\$) same (serum adj albumin) and ((cosmetic or dermatological) same (skin? or hair?))	0	L6
L5	(recombinant or muta\$) serum adj albumin and ((cosmetic or dermatological) same (skin? or hair?))	0	L5
L4	serum adj albumin and ((cosmetic or dermatological) same (skin? or hair?))	12	L4
L3	serum adj albumin same (cosmetic or dermatological) same (skin? or hair?)	0	L3
L2	serum adj albumin and (cosmetic or dermatological)	2016	L2
L1	serum same albumin and (cosmetic or dermatological)	2092	L1

END OF SEARCH HISTORY